SITE SELECTION PROCESS
PHASE 4A: SELECTION OF A PREFERRED SITE(S)

Social Analysis
Appendices

VOLUME 1

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PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Residents	Displacement

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTOR:

The development of a hazardous waste management facility may result in the displacement of residents who live on-site, and along road/rail access routes. This factor is concerned with the potential hardships that may be experienced by displaced residents.

RATIONALE/SIGNIFICANCE:

Residents who are displaced by the facility may experience social effects. For example, they may lose friendship and community ties; they may become alienated in their new location; and they may experience stress and anxiety at the disruption of their way of life. The significance of such hardships can be expected to vary from individual to individual depending on such variables as age, type of tenure, length of residence, and attachment to place.

USE/INTERPRETATION/METHODOLOGY:

This factor will be used as a basis for site selection and for the identification of impact mitigation measures. The total number of residents who would be required to move, their characteristics, and their attachment to place will be used as measures of the social significance of displacement and will also be taken into account in the identification of required impact mitigation measures.

INDICATORS:

1. Number of residents displaced

Specific data to be collected include: the total number of people residing on-site, along access routes requiring widening or improvements, and along potential rail access routes who would be required to relocate.

2. Characteristics of those displaced

Specific data to be collected include: age, type of tenure, and any other relevant and available information which might contribute to an analysis of the extent to which displacement may cause social effects.

3. Attachment to place of those displaced

Specific data to be collected include: family and friendship ties, age, length of residence, generations of family in the area.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

The completeness of the data for each of the candidate sites will vary depending on the response rates from the resident interviews. For respondents, it is assumed that changes in household size did not occur following the interviews. For non-respondents, it is assumed that the relevant "average household size" from the 1981 Census is a reasonable substitute for primary data.

The degree of hardship that will be experienced by displaced residents cannot be predicted. It will be influenced by how far residents move (i.e., whether they find alternate accommodation in the community and/or within reasonable distance of their relatives and friends), the adequacy of compensation (perceived fairness and equity of the compensation given for the acquired property as well as for moving costs), the timing of the relocation process (length of time given to residents to find new housing and to move), and the timing of the compensation.

The number of residences on-site and along access routes will be provided to IER by Leon Kentridge Associates Ltd.

Information pertaining to access route widenings will be provided by M.M. Dillon Ltd.

INDICATOR SCREENING:

Information received on the extent of road widenings on potential access routes confirmed that no resident displacement would occur. This factor, therefore, was screened from the analysis.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Residents	Disruption of day-to-day activities and/or the use and enjoyment of property

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTOR:

This factor refers to the possible disruptions residents living in the vicinity of the site and along access routes may experience in their daily activities and/or use and enjoyment of their properties due to nuisance effects of dust, odour and noise, reduced accessibility as well as visual intrusion of the facility. Both measurable and perceived disruptions will be examined.

RATIONALE/SIGNIFICANCE:

Residents living in the vicinity of the site or along access routes may find that their daily activities and the use and enjoyment of their properties is affected by the operation of the OWMC facility.

USE/INTERPRETATION/METHODOLOGY:

The potential for disruption depends on the characteristics of the residents (e.g., pre-school children and retired residents are likely to spend a greater proportion of their time at home and therefore are more vulnerable to nuisance effects than residents who are not at home during the day), their proximity, and the extent to which the facility operation will or will be perceived to interfere with daily activities and the use and enjoyment of property. "Interference" will be assessed in terms of visual intrusion and the change in dust, odour, noise levels likely to result from the operation of the facility, and in terms of the perceived compatibility of the facility with the residents' activities and use of property (based on expert judgement as well as on the subjective judgements of residents).

Two broad impact boundaries will be considered: 2 km around the site and 800 metres along both sides of the access routes. Within these boundaries, the impact zones will vary depending on the specific impact being considered and the characteristics of the site.

The assessment of this factor will be based on data from field investigations and the survey of residents.

This factor will be used as a basis for site selection and as input to the identification of mitigation measures.

INDICATORS:

1. *Number and characteristics of residents within 2 km of the site and 800 metres of the access routes likely to be affected by visual intrusion and/or changes in levels of dust, odour and noise and accessibility due to the operation of the facility.*

   Specific data to be collected include: number of residents; number of residents spending proportionately more time on their property; projected change in dust, odour, noise and visual intrusion.

2. *Number and kinds of activities or uses of property likely to be affected by the operation of the facility for households within 2 km of the site and 800 metres of the access routes.*

   Specific data to be collected include: current uses of property, projected change in dust, odour, noise and visual intrusion; potential for conflict or interference with current uses of property.

3. *Resident perception of the compatibility of the facility with their daily activities and use and enjoyment of property.*

   Specific data to be collected include: activities or uses perceived as likely to be affected; nature of the perceived disruption.

4. *Residential impact index as an indication of the potential nuisance along access routes created by increased truck volumes.*

   Specific data to be collected include: number of residents; the predicted change in volume of traffic.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

M.M. Dillon Ltd. will provide noise contours and predicted change in volume of traffic.

EDA Collaborative Inc. will provide data on visual exposure of residents.

Leon Kentridge Associates Ltd. will provide data on nature and extent of possible conflict with existing and potential land uses.

Monenco Ltd. will provide information on odour, dust and lighting impacts.

Gartner Lee and Associates Ltd. will provide information on the potential impacts of the facility on biological resources which will then be used to determine whether and the extent to which recreational activities (e.g., hunting, fishing, etc.) will be affected.

The residential impact index was applied in the analysis of the location of the physical/chemical treatment plant for partially integrated siting options. The impact index was used as a sensitivity test in the comparison of the siting options.

INDICATOR SCREENING:

Information on the number and characteristics of residents, and kinds of activities or property uses, within the 800 metre access route vicinity study area was not collected as time constraints did not permit the necessary field work (survey). However, the data that were gathered for this study area were considered sufficient to make the siting options comparisons.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Residents	Satisfaction with the community

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTOR:

This factor refers to the potential for residents of the host community to experience a change in their level of satisfaction with their community.

RATIONALE/SIGNIFICANCE:

The siting of a hazardous waste management facility in or near a community may cause some residents to feel less satisfied with their community as a place to live. As a result these residents may choose to withdraw from community activities or from the community itself, both of which may lead to social impacts (e.g., loss of friendship ties, stress) and both of which have implications for social stability and cohesion. It is important to explore the ways in which the facility is seen to lessen the satisfaction of residents with their community so that possible measures to lessen this effect can be developed.

USE/INTERPRETATION/METHODOLOGY:

This factor will be used as a basis for site selection and as input to the identification of impact mitigation and compensation measures.

The assessment of this factor will be based on the expressions of residents of their current and potential satisfaction with community. The primary source of information will be the resident interviews and surveys. Newspaper articles, briefs and letters from the public will also be used as sources of information.

INDICATORS:

1. Perceived change in community attributes which contribute to residents' satisfaction with their community as a place to live.

   Specific data to be collected include: what residents like about living in their community; residents' perceptions of how the facility will affect them and their community.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

It is possible to determine the number of residents who say they will be dissatisfied with their community if the facility should be located there. It is much more difficult to arrive at an overall assessment of the significance of this effect for each of the candidate sites (i.e., how strongly this dissatisfaction is felt by the candidate community, and the extent to which loss of resident satisfaction with community will lead to withdrawal from community activities and a subsequent loss of social stability and cohesion) because of the unpredictability of how individuals and households will respond following the facility siting. The responses may be substantially influenced by OWMC mitigation and compensation policies which have not as yet been identified.

INDICATOR SCREENING:

This factor was screened from the analysis because the data gathered were similar across all sites and, therefore, not useful for comparison.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Community and Recreation Features	Displacement

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTORS:

This factor refers to the potential displacement of existing and proposed community and recreation features due to facility development. Such features include community recreation and cultural facilities, community meeting places, cemeteries, and any other community service or facility likely to be affected by the siting of a hazardous waste management facility.

RATIONALE/SIGNIFICANCE:

The displacement of community and recreation features may cause hardship to clients and reduce social stability and cohesion by causing changes in the commitment of residents to the community and in patterns of resident interaction.

USE/INTERPRETATION/METHODOLOGY:

This factor will be used as a basis for site selection. The total number of features which would be required to relocate due to facility development will provide a directly comparable measure of impact. The characteristics of individual features will assist in assessing their significance. The availability of alternate services/facilities will provide additional information that could be useful in determining the level of impact.

The assessment of this factor will be based on information supplied by service/facility owners and operators in response to a mailed request for information, and/or interviews.

INDICATORS:

1. Number and characteristics of existing and proposed community and recreation features on-site, along access routes requiring widening or improvements, and along potential rail access routes that would be required to relocate.

   Specific data to be collected include: number of features displaced; type of feature; number and characteristics of users.

2. Availability and capacity of alternate services/facilities.

   Specific data to be collected include: the number of alternate services/facilities; the accessibility of such facilities to the users of displaced features; the capacity of alternate services/facilities to accommodate additional users.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

The number of users refers to the total number of people who use or are associated with (e.g., members) the feature.

Leon Kentridge Associates Ltd. will provide data on proposed community and recreation features.

Information pertaining to access route widenings will be provided by M.M. Dillon Ltd.

INDICATOR SCREENING:

Screening of potential sites in Phase 3B considerably reduced the extent of possible feature displacement. This factor was operationalized but subsequently screened from the analysis since the characteristics of those features remaining on-site are such that displacement impacts can be mitigated. Information received on the extent of road widenings on potential access routes confirmed that no feature displacement would occur. The factor, therefore, was also screened from the analysis.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Community and Recreation Features	Disruption of operations

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTOR:

This factor refers to the potential disruption of the operations of existing and proposed community and recreation features in the vicinity of the site and along access routes as a result of the development of the waste management facility. Such features include community recreation and cultural facilities, community meeting places, cemeteries, and any other service or facility the operation of which could be affected by facility operations. The concern is with the potential impact of a change in demand for the service or facility as well as a change in the quality of the service or facility.

RATIONALE/SIGNIFICANCE:

Disruption of community and recreation features located in close proximity to the site or along access routes may occur in two ways. First, the in-migration of construction workers and facility employees may overburden existing services and facilities near the site. Second, the operations of certain community services and facilities may be negatively affected by changes in noise levels, dust, odour, truck traffic or other such environmental changes caused by the waste management facility. This may result in a loss of operational effectiveness of the service or facility which in turn could lead to a loss of demand for the service. The proximity of the feature to the site or access routes may also be seen to detract from the attractiveness or image of the service or facility which in turn could also result in a loss of demand.

USE/INTERPRETATION/METHODOLOGY:

The total number of features which may experience disruption will provide a directly comparable measure of impact. The characteristics of individual features will assist in assessing their sensitivity to disruption.

Two broad impact boundaries will be considered: 2km around the site and 800 metres along both sides of the access routes. Within these boundaries, the impact zones will vary depending on the specific impact being considered and the characteristics of the site.

This factor will be used as a basis for site selection and as input to the identification of impact mitigation and compensation measures.

Information provided by the owners/operators of community and recreation features will be used to determine the current level of use of the facility.

INDICATORS:

1. *Number and characteristics of community and recreation features within potential noise, dust, or odour impact areas, or whose access might be affected by increased truck traffic.*

   Specific data to be collected include: number of community and recreation features within specified categories; types of features; number of users; sensitivity of users; operational capacity; operating schedule (hours, seasons).

2. *Change in the use of existing community and recreation features.*

   Specific data to be collected include: level of demand required to support the continued operation of the service or facility; number of possible users likely to be displaced due to facility construction; number of possible new users due to in-migration of construction workers and permanent employees of the facility.

3. *Perceived disruptive effects of the facility on community and recreation features.*

   Specific data to be collected include: owners'/operators' concerns regarding the impact of possible changes in ambient levels of noise, dust, odour, and truck traffic on the operations of the service or facility; owners'/operators' concerns regarding the impact of possible changes in ambient levels of noise, dust, odour, and truck traffic on the image or perceived attractiveness of the service or facility; owners'/operators' concerns regarding the potential effect of the proximity of their service or facility to the site or access route on user demand; owners'/operators' concerns regarding the influx of construction workers and facility operators on the operations of the service or facility.

4. *Community and recreation features impact index as an indication of the potential nuisance along access routes created by increased truck volumes.*

   Specific data to be collected include: number of community and recreation features; the predicted change in volume of traffic.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

Few standards exist specifying a required level of environmental quality for community and recreation features. The assessment of disruption due to environmental impact will be based on expert opinion and the subjective evaluations of owners/operators.

Number of users refers to the total number of people who use or are associated with (e.g., members) the feature. Data on the anticipated changes in the numbers of users will comprise estimates only, with input from the owners/operators of the services/facilities and residents who offer opinions.

M.M. Dillon Ltd. will provide noise contours and data on traffic volumes.

Monenco Ltd. will provide information on odour, dust and lighting impacts.

The community and recreation impact index was applied in the analysis of the location of the physical/chemical treatment plant for partially integrated siting options. The impact index was used as a sensitivity test in the comparison of the siting options.

INDICATOR SCREENING:

Displaced users of community and recreation features could not be identified from data gathered through resident interviews. In addition, the actual extent of out-migration is an unknown variable since it is based on voluntary decisions of users in relation to facility siting. One of IER's working assumptions is that construction workers will commute to the site. Also, the number of households associated with operations employment that will locate in the host municipality will not significantly affect demand for use of features and services. Consideration of potential change in demand for facilities and services, therefore, was screened from the analysis. Operators' comments/concerns were similar and general in nature and, therefore, not useful for comparison.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Community and Region	Social stability

FACILITY COMPONENTS AFFECTED:

All components

DEFINITION OF FACTOR:

Social stability is a measure of a community's propensity to change and/or to maintain social continuity. This continuity can be disrupted if there is a significant change in the community's population or social institutions which maintain and promote the community's goals and values. The concern is with the ability of a community to deal with change in a way that maintains or enhances its social and cultural characteristics. The potential change in population, commitment of individuals and groups and aspirations concerning future change in the community will be considered.

RATIONALE/SIGNIFICANCE:

The development of a hazardous waste management facility has the potential to cause communities to become unsettled. In anticipation of or in response to negative changes in the community's physical environment or social system, residents or owners of community and recreation features may become unwilling to invest their effort, time and money in the community and may decide to move out of the community altogether thereby potentially severing relationships, interactions and activities which help to maintain the community's social system.

USE/INTERPRETATION/METHODOLOGY:

The approach will be to determine the degree to which candidate communities can be considered socially "stable", the extent to which their stability may be impacted by the development of the facility, and the kinds of measures that can be taken to minimize such impact. This will require first, determining the extent of social stability; second, determining how and the extent to which this stability is likely to be affected by the development of a waste management facility; and third assessing the significance of the potential change in stability. The significance of a change in the community's population and/or social institutions will depend on the current rate of change in the community, the size of the community's population, and the extent to which the projected changes are consistent with the community's aspirations.

Stability will be measured in terms of length of residence, type of tenure, and ancestral links to property and community.

The analysis of this factor will involve field investigations, resident interviews, and secondary source data from the communities.

This factor will be used for site selection and as input to the identification of possible impact mitigation and compensation measures. Emphasis will be placed on determining the specific concerns of those residents expressing an unwillingness to remain in the community if the facility is located there and the extent to which these concerns can be minimized through impact mitigation and compensation measures as well as through OWMC policies regarding the operation of the facility.

INDICATORS:

1. *Stability Index.*

   Specific data to be collected include: percent of households in same housing unit more than 5 years; percent owner occupied units; percent of households whose ancestors owned their property; percent of households whose ancestors lived in the municipality.

2. *Rate of population change in the community.*

   Specific data to be collected include: municipal growth over the past ten years; current population characteristics; projected changes in rate of growth.

3. *Potential change in the community's population due to facility siting.*

   Specific data to be collected include: attitudes of those surveyed towards the waste management facility and expressions of loss of commitment to the community; number of residents who could be expected to move as a percentage of the community's total population.

4. *Number and characteristics of community organizations and activities that may contribute to social stability displaced or potentially disrupted.*

   Specific data to be collected include: number and type of volunteer groups and organizations; number of regularized collective events (community fund-raising drives, community fairs, etc.).

5. *Community aspirations or desired social change.*

   Specific data to be collected include: community development goals and objectives as specified in local and regional land use plans; community aspirations as identified by community leaders; concerns of community leaders regarding the implications of possible changes in the community's population or social institutions on the maintenance and promotion of community goals.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

Whether or not residents will in fact leave the community as a result of the development of a waste management facility cannot be predicted. Nonetheless, it will be assumed that the residents surveyed who expressed a loss of commitment to the community will move out and that as a result the existing social stability could be negatively affected.

It is assumed that the social costs associated with a loss of social stability are proportional to length of residence, that is, the social costs imposed on a community are higher when those moving out have lived there longer.

The survey of residents was restricted to a 2 km boundary around the proposed site in each of the candidate communities.

Leon Kentridge Associates Ltd. will provide information on the community's goals as set out in land use plans.

INDICATOR SCREENING:

Information on volunteer groups/organizations and collective events was not collected due to time constraints. Regional and local Official Plan statements were too general in nature to be useful for comparison. Consultation with community leaders was not conducted due to time constraints.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Community and Region	Social cohesion

FACILITY COMPONENT AFFECTED:

All components

DEFINITION OF FACTOR:

This factor refers to the level of interaction and degree of interdependence of individuals, groups, and institutions as evidenced by the number of friends and relatives in the area, the extent of use of local services and facilities, participation in community activities, and neighbouring.

RATIONALE/SIGNIFICANCE:

The development and operation of a hazardous waste management facility has the potential to disrupt the cohesiveness of the host community as a result of the displacement of residents and community features, interference with the use of community services and facilities, interference with patterns of neighbourhood socializing, and loss of resident attachment to place.

USE/INTERPRETATION/METHODOLOGY:

The assessment of this factor requires first, determining the extent of cohesiveness in each of the candidate communities and then determining in what ways a waste management facility could affect social cohesiveness. Cohesion will be measured primarily in terms of extent of interaction among residents, and their participation in community activities. Impact on cohesion will be judged mainly on the basis of significance of displacement and disruption impacts (on both residents, and community and recreation features).

This factor will be used as a site selection factor and as input to the identification of possible impact mitigation and compensation measures.

The assessment of this factor will involve field investigations, and resident interviews.

INDICATORS:

1. Extent of neighbouring and social interaction.

Specific data to be collected include: number of friends and relatives in the area; participation/involvement in community activities.

2. The number and characteristics of existing and new residents.

Specific data to be collected include: number and socio-economic characteristics of in-migrants, socio-economic characteristics of existing residents.

3. Number and characteristics of community and recreation features that may contribute to social cohesion displaced or potentially disrupted.

Specific data to be collected include: service/catchment area; number of users; regularity of use.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

There is no reliable method for predicting the potential for a waste management facility to disrupt patterns of social interaction. While the facility may disrupt the community, this disruption may cause members of the community to band together and therefore become more cohesive as much as it could cause them to become less cohesive. For this reason, impact on social cohesion will be assessed mainly in terms of the total numbers and community roles played by individuals who would be displaced and those who might move as well as the potential for the facility to disrupt focal points of social interaction.

INDICATOR SCREENING:

The impact of in-migrants has not been assessed because it is anticipated that the number of new households moving into the local municipality will be minimal. No features contributing to social cohesion were found on-site. Consequently, the displacement of such features was screened from the analysis.

PHASE 4A - FACTORS FOR SITE SELECTION

FACTOR GROUPING:	FACTOR:
Impacts on Community and Region	Community character

FACILITY COMPONENT AFFECTED:

All components

DEFINITION OF FACTOR:

This factor refers to the distinctive qualities of a community which can be physical in nature (land-uses, urban design characteristics, geographic/environmental features), socio-cultural (population characteristics, way-of-life, shared values and perspectives), and economic (type of industrial and business activities). The unique character or image of a community is a function of the mix of these qualities and as such there is no single, universally accepted definition of community character for all areas.

RATIONALE/SIGNIFICANCE:

The development of a waste treatment and/or disposal facility may change the character of the host community due to impacts of the facility on the community's environment (e.g., noise, air pollution, etc.). The concern in this factor is with the potential incompatibility of the waste management facility with the community's existing character. The implications of this social impact for the community's economy is assessed separately by Clayton Research Associates Ltd. (see Factor Sheets in Clayton Research Associates Ltd., Site Selection Process: Phase 4A: Selection of a Preferred Site(s), Economic Base, 1985a).

USE/INTERPRETATION/METHODOLOGY:

The assessment of this factor requires identifying the unique/distinctive characteristics of each candidate community and determining whether and the extent to which the development of the waste treatment and/or disposal facility will affect the character of the community. Factors which will be taken into account in identifying the community's character include landmarks and other unique community features, and distinctive socio-cultural characteristics. Impact on community character will be based on professional judgement of the compatibility of the OWMC facility with community character.

This factor will be used as a basis for site selection and for the identification of impact mitigation measures.

INDICATORS:

1. Compatibility of the facility with land use.

Specific data to be collected include: general pattern of land uses; industry as a percentage of existing and designated land use within a 2 km and 5 km distance of the site.

2. Number and type of distinctive community features.

Specific data to be collected include: environmental and cultural landmarks, heritage or historic features, distinctive cultural attributes.

3. Visual impact of the facility on community character.

Specific data to be collected include: a subjective evaluation of the visual compatibility of the site based on knowledge of the visual quality of the proposed facilities and the visual quality of present and future land uses in the site vicinity and, the number of non-residents potentially visually exposed to the site.

4. Perceived compatibility of the facility with community character.

Specific data to be collected include: residents' evaluation of compatibility.

COMMENTS/ASSUMPTIONS/LIMITATIONS:

Leon Kentridge Associates Ltd. will provide data on land use characteristics. Historica Research Limited will provide assessment of unique heritage and historic features. E.D.A. Collaborative Inc. will provide assessment of visual compatibility.

INDICATOR SCREENING:

Data on the perception of compatibility of the facility with community character were similar across all sites and, therefore, not useful for comparison.

APPENDIX B

AGENCY CONTACTS

The following are lists of representatives contacted by phone, letter or interview during Phase 4A. This lists are divided as follows:

- Federal Government Agencies
- Provincial Government Agencies
- Regional Municipalities
- Local Municipalities
- School Boards
- Conservation Authorities
- Private Agencies
- Medical Services

FEDERAL GOVERNMENT AGENCIES

Employment and Immigration Canada 4900 Yonge Street, Ste. 700 North York, Ontario M2N 6A8 (416) 224-4522	Mr. Stan Feldman, Librarian, Public Affairs Dept. June 12, 1984
Parks Canada Ontario Region 111 Water Street E. Cornwall, Ontario K6H 6S3 (613) 933-7951	Ms. Luce Charron, Chief, Natural Resource Conservation June 6, 1984; June 15, 1984; November 6, 1984 Mr. Bill Stephenson, Resource Management Specialist November 6, 1984
Vineland Post Office Main Street Vineland, Ontario L0R 2C0 (416) 562-5144	Ms. Madora Woron, Acting Postmaster August 23, 1984; October 5, 1984; October 23, 1984; October 24, 1984
Vineland Station Post Office Vineland Station, Ontario L0R 2E0 (416) 562-4558	Ms. Karen Erb, Postmaster September 4, 1984; September 5, 1984; November 9, 1984; November 22, 1984; November 23, 1984

PROVINCIAL GOVERNMENT AGENCIES

Ministry of Community and Social Services P.O. Box 2112 119 King Street W. Hamilton, Ontario L8N 3Z9 (416) 521-7280	Mr. Al Strang, Area Manager, Hamilton June 20, 1984; June 21, 1984; July 11, 1984; October 22, 1984 Ms. Sandra Ford, Secretary to Mr. Al Strong June 27, 1984
90 Dundas Street West Mississauga, Ontario L5B 2T5 (416) 276-7670	Ms. Debbie Moretta, Area Planning Assistant, Mississauga Area June 20, 1984; June 21, 1984; July 11, 1984; October 22, 1984
Capital and Administrative Services Branch 7th Floor, Hepburn Block 80 Grosvenor Street Toronto, Ontario M7A 1E9 (416) 965-5008	Mr. Hendrick Feinster, Energy Management Coordinator June 20, 1984
Ministry of Consumer and Commercial Relations Cemeteries Branch 8th Floor, 555 Yonge Street Toronto, Ontario M7A 2H6 (416) 963-0511	Mr. J.A. Francis, Chief Cemeteries Officer June 12, 1984; June 15, 1984
Ministry of Correctional Services 2001 Eglinton Ave. E. 3rd Floor Scarborough, Ontario M1L 4P1 (416) 750-3366	Mr. John Pahapill, Manager, Industrial Programs June 6, 1984; June 18, 1984; July 31, 1984; October 3, 1984
Ministry of Education 22nd Floor, Mowat Block 900 Bay Street Toronto, Ontario M7A 1L2 (416) 965-2565	Secretary to T. Phillip Adams, Assistant Deputy Minister, Administration and Planning Div. June 19, 1984; June 20, 1984 Mr. R.F. Lawton, Chief Architect October 19, 1984

Ministry of Health 5th Floor, 15 Overlea Blvd. Toronto, Ontario M4H 1A9 (416) 963-2238	Dr. Lesbia Smith, Senior Medical Consultant June 4, 1984
Institutional Division 7th Floor, 15 Overlea Blvd. Toronto, Ontario M4H 1A9 (416) 965-8079	Mr. Randy Reid, Executive Director June 4, 1984; July 10, 1984
Emergency Health Services Division 7th Floor, 7 Overlea Blvd. Toronto, Ontario M4H 1A8 (416) 963-2625	Dr. D.A. Psutka, Executive Coordinator June 4, 1984
Emergency Care Programs (416) 963-3178	Mr. Mark Edmonds, Project Officer June 12, 1984; June 13, 1984; October 19, 1984
Land Ambulance Section (416) 963-2641	Mr. Malcolm Bates, Manager November 9, 1984; November 28, 1984
Peel-York & District Ambulance 4 Melanie Drive, Unit 19 Bramalea, Ontario L6T 4L1 (416) 792-3202	Mr. John Bensette, Manager October 22, 1984; November 13, 1984 Mr. David Valentine, Assistant Manager, Administration November 21, 1984
Emergency Health Services Ambulance Services Branch 9th Floor, 119 King St. W. Box 2112, Station "A" Hamilton, Ontario L8N 3Z9 (416) 521-9011	Mr. Ernie J. Jones, Assistant Regional Manager September 13, 1984; October 1, 1984; November 8, 1984 Mrs. Peggy Gallant, Regional Office Secretary October 31, 1984; November 19, 1984
Central Ambulance Dispatch Service Box 123, 107 Yates Street St. Catharines, Ontario L2R 6R4 (416) 688-1201	Mr. Roy Hurst, Supervisor September 11, 1984
Ministry of Natural Resources Room 6440, Whitney Block 99 Wellesley St. W. Toronto, Ontario M7A 1W3 (416) 965-6371	Mr. Don Ross, Strategic Planning Officer, Policy and Planning Secretariat June 12, 1984

Central Region Office 10670 Yonge Street Richmond Hill, Ontario L4C 3C9 (416) 884-9203	Mr. Fred Johnson, Regional Planner August 13, 1984; August 15, 1984; September 13, 1984; September 21, 1984; October 3, 1984
Ministry of the Solicitor General 1st Floor, 25 Grosvenor St. Toronto, Ontario M7A 1Y6 (416) 965-6708	Mr. Jim Ellard, Deputy Coordinator, Emergency Planning June 12, 1984; June 20, 1984
Office of the Fire Marshall 3rd Floor, 7 Overlea Blvd. Toronto, Ontario M4H 1A8 (416) 965-4858	Mr. Norm Vine, Assistant Chief, Fire Services August 30, 1984; September 5, 1984
Ministry of Transportation and Communications 5000 Yonge St., 3rd Floor Willowdale, Ontario M2N 6E9 (416) 224-7572	Mr. P.D. Billings, Manager, Engineering and Right-of-Way Office July 5, 1984; September 19, 1984; September 21, 1984; November 5, 1984 Mr. W.H. Roters, Area Engineer July 19, 1984
Ontario Provincial Police Box 148 Cayuga, Ontario N0A 1E0 (416) 772-3322	Staff Sergeant E.R. Barclay, Detachment Commander September 5, 1984; September 10, 1984; November 5, 1984

REGIONAL MUNICIPALITIES

Regional Municipality of Haldimand-Norfolk 70 Town Centre Drive Townsend, Ontario NOA 1SO (519) 587-4911	Mr. Lee Kennaley, Planning Commissioner August 9, 1984; October 3, 1984
Police Department 95 Culver Street Simcoe, Ontario N3Y 2V5 (519) 426-1212	Chief A.H. McCart, Chief of Police August 10, 1984 Inspector A.L. Vandepoele October 17, 1984
Regional Municipality of Halton Box 7000, 1151 Bronte Rd. Oakville, Ontario L6J 6E1 (416) 827-2151	Ms. Dagmar Wood, Secretary to R. Mohammed, Director of Planning and Development July 9, 1984; September 12, 1984; October 2, 1984; October 5, 1984 Mr. Rash Mohammed, Director of Planning and Development July 10, 1984; October 5, 1984
Police Department (416) 878-5511 Emergency Services	Mr. Tim Fredo, Planning June 26, 1985 Mrs. Adelena Urbanski, Coordinator June 26, 1985
Regional Municipality of Niagara Box 3025, 150 Berryman Ave. St. Catharines, Ontario L2R 7E9 (416) 685-1571	Mr. Alan Veale, Planning Director July 16, 1984 Mr. Corwin Cambray, Manager, Policy Planning July 23, 1984; October 17, 1984 Mr. Richard Miller, Planner October 3, 1984
Police Department 68 Church Street St. Catharines, Ontario L2R 3C6 (416) 688-4111	Chief J. Gayder, Chief of Police August 8, 1984; August 31, 1984; October 22, 1984 Inspector Alan Barlow October 22, 1984
Regional Municipality of Peel 10 Peel Centre Drive Brampton, Ontario L6T 4B9 (416) 791-9400	Mr. Richard Frost, Chief Administrative Officer July 5, 1984 Mr. William Anderson, Works Commissioner July 5, 1984; October 3, 1984 Mr. Peter Allen, Planning Commissioner August 13, 1984

Police Department
7750 Hurontario Street
Brampton, Ontario
L6Y 3W6
(416) 453-3311

Superintendent Joe Terdik
August 8, 1984
Inspector C.E. Silverberg
September 19, 1984

LOCAL MUNICIPALITIES

City of Brampton 150 Central Park Drive Bramalea, Ontario L6T 2T9 (416) 793-4110	Mr. F.F. Dalzell, Director of Planning/Commissioner of Planning and Development July 10, 1984; July 11, 1984 Mr. William Winterhalt, Policy Planner October 3, 1984 Mr. Henry Verchuren, Superintendent of Cemeteries July 6, 1984; October 3, 1984 Mr. Don Gordon, Director of Recreation/Commissioner of Community Services July 9, 1984; July 23, 1984 Mr. Robert Reid, Director of Parks and Development Services October 10, 1984; October 11, 1984
Fire Department 8 Rutherford Road S. Brampton, Ontario L6W 3J1 (416) 451-4274	Mr. J.R. Brunne, Fire Chief August 8, 1984; November 6, 1984
City of Burlington Box 5013, 426 Brant Street Burlington, Ontario L7R 3Z6 (416) 335-7777	Mr. Gary Goodman, Planning Director July 12, 1984 Mr. John Conn, Planning Assistant October 9, 1984 Mr. Ross Stephen, Landscape Architect Recreation Department July 31, 1984
Fire Department 1255 Fairview Street Burlington, Ontario L7S 1Y3 (416) 335-7777	Mr. W. Corp, Fire Chief November 29, 1984; December 5, 1984 Mr. Art McGlynn, Chief Fire Prevention Officer July 13, 1984; July 16, 1984

Town of Dunnville Box 187, 111 Broad St. E. Dunnville, Ontario N1A 2X5 (416) 774-7595	Mr. John Forestell, Director of Parks and Recreation August 9, 1984; August 22, 1984; October 1, 1984; October 9, 1984 Mr. R.T. Sparks, Clerk August 13, 1984
Cemetery Board 658 Main Street West Dunnville, Ontario N1A 1W7 (416) 774-7595	Mr. Bob MacDonald, Superintendent August 13, 1984; September 10, 1984; October 5, 1984; October 17, 1984
Fire Department Station No. 1 111 Tamarac Street Dunnville, Ontario N1A 2C1 (416) 774-6420	Mr. Gerald McCarthy, Fire Chief August 14, 1984; October 15, 1984 October 16, 1984
Town of Lincoln P.O. Box 1030 206 King Street W. Beamsville, Ontario L0R 1B0 (416) 563-8205	Mr. Michael F. Duc, Town Clerk July 30, 1984; August 8, 1984; August 22, 1984; October 3, 1984; October 22, 1984 Mr. Frank Carrocci, Treasurer Administrator August 9, 1984; September 4, 1984; September 5, 1984 Mr. Dennis Landry, Town Planner November 13, 1984
Fire Department	Mr. Clair G. Rouse, Fire Chief August 9, 1984; October 16, 1984; October 22, 1984; October 23, 1984
Town of Milton Box 1005 251 Main Street East Milton, Ontario L9T 4B6 (416) 878-7211	Mr. Paul Stover, Supervisor of Facilities, Parks and Recreation Department July 9, 1984; August 29, 1984; October 9, 1984 Mr. Robin Kitchen, Planner July 10, 1984; July 11, 1984 Ms. Heather Nourse, Planning Assistant October 11, 1984 Mrs. Brush, Treasury Department August 29, 1984 Mr. Bob Zsadanyi, Director of Planning June 27, 1985

Fire Department 405 Steeles Avenue Milton, Ontario L9T 3G6 (416) 878-7211	Mr. Jim Coulson, Fire Chief July 31, 1984; December 7, 1984; December 10, 1984
City of Mississauga 1 City Centre Drive Mississauga, Ontario L5B 1M2 (416) 279-7600	Mr. Gordon Bruce, Chief Administrative Officer July 6, 1984; September 28, 1984 Mr. Ian Scott, Parks and Recreation Commissioner July 12, 1984; August 9, 1984; August 29, 1984; October 3, 1984 Mr. Dana Rahkola, Planner Open Space Planning Division October 1, 1984 Mr. Russell Edmunds, Planning Commissioner July 12, 1984; August 21, 1984; October 1, 1984
Fire Department	Mr. Gordon Bentley, Fire Chief August 9, 1984; August 13, 1984; October 16, 1984; October 17, 1984
City of Niagara Falls Box 1023 4310 Queen Street Niagara Falls, Ontario L2E 6X5 (416) 356-7521	Mr. Doug Darbyson, Planner July 31, 1984; August 2, 1984; September 12, 1984; October 3, 1984 Mr. Bob Sones, Recreation Director August 2, 1984; October 11, 1984
Fire Department	Mr. Dave Kemp, Fire Chief August 2, 1984; November 21, 1984
Police Department	Superintendent Jim Moody August 2, 1984
Town of Oakville Box 310 1225 Trafalgar Road Oakville, Ontario L6T 5A6 (416) 845-6601	Mr. Ron Foy, Planning Director July 10, 1984; July 11, 1984 Mr. D.H. Rigg, Director of Parks and Recreation July 10, 1984 Mr. Robert Norman, Landscape Architect October 5, 1984; October 9, 1984 Mr. Colin Hood, Coordinator of Planning and Development July 10, 1984; July 11, 1984

Fire Department 123 Randall Street Oakville, Ontario L6J 1P3 (416) 845-7111	Mr. J.W. Miller, Fire Chief July 11, 1984; July 12, 1984 Mr. E. Guest, Deputy Chief December 10, 1984
Town of Pelham Box 400 20 Pelham Town Square Fonthill, Ontario L0S 1E0 (416) 892-2607	Mr. Murray Hackett, Clerk and Treasurer July 27, 1984; August 8, 1984 September 19, 1984
Fire Department 177 #20 Hwy. West Box 323 Fonthill, Ontario L0S 1E0 (416) 892-3943	Mr. Wilf Minor, Fire Chief August 9, 1984; August 31, 1984; October 11, 1984; November 5, 1984; November 8, 1984
Township of Wainfleet Box 38 19M43 Highway 3 Wainfleet, Ontario L0S 1V0 (416) 899-3463	Mr. R.J. Heil, Clerk July 25, 1984; July 26, 1984; September 19, 1984
Fire Department 420, 58 Highway 3 Wainfleet, Ontario L0S 1V0 (416) 899-3022	Mr. J. Suess, Fire Chief August 10, 1984; August 17, 1984; August 31, 1984; October 11, 1984; October 22, 1984; November 30, 1984; December 3, 1984
City of Welland City Hall 411 East Main Street Welland, Ontario L3B 3X4 (416) 735-1700	Mr. David Barrett, Clerk July 25, 1984; July 26, 1984; November 5, 1984
Recreation Department 35 Wavell Court Welland, Ontario L3B 2E8 (416) 732-5331	Mr. Wes Ogden, Recreation Director August 30, 1984; October 9, 1984; October 31, 1984; November 5, 1984
Fire Department Division Street Welland, Ontario L3B 3A7 (416) 735-9922	Mr. R. Bouchard, Fire Chief August 8, 1984; October 26, 1984; November 6, 1984

Township of West Lincoln Box 400 318 Canboro Street Smithville, Ontario LOR 2A0 (416) 957-3346	Mr. Gordon Killins, Clerk and Deputy Treasurer July 25, 1984; July 27, 1984; August 23, 1984; October 26, 1984 Mr. Lorne Nelson, Building Inspector and Zoning Administrator October 17, 1984; October 31, 1984
Fire Department	Mr. Roy Swick, Fire Chief August 9, 1984; October 15, 1984; October 16, 1984

SCHOOL BOARDS

Dufferin-Peel Roman Catholic Separate School Board 755 The Queensway E. Mississauga, Ontario L4Y 4E5 (416) 270-4630	Mr. B.J. Fleming, Director June 22, 1984 Mr. Frank Golle, Planner August 14, 1984; October 17, 1984 Mr. Rob Scott, Transportation Supervisor October 10, 1984 Ms. Andrea Gates October 11, 1984
Halton Board of Education Box 5005, 2050 Guelph Line Burlington, Ontario L7R 3Z2 (416) 335-3663	Mr. Walter Beevor, Director June 20, 1984; July 5, 1984; September 12, 1984 Mr. J. Morrison, Superintendent June 20, 1984; July 5, 1984 Mr. Gord Dickson, Manager, Property and Planning October 5, 1984; October 9, 1984 November 12, 1984 Mr. Jim Hunt, Transportation November 5, 1984; January 16, 1984
Halton Roman Catholic Separate School Board Box 308, 830 Drury Lane Burlington, Ontario L7R 3Y2 (416) 632-6300	Mr. C.G. Byrnes, Director June 19, 1984; June 20, 1984; July 5, 1984; August 9, 1984 September 13, 1984; September 14, 1984 Ms. Margaret Murphy, Secretary to Mr. Byrnes October 5, 1984 Mrs. Smedley, Secretary to Mr. Carter October 5, 1984 Mrs. Stevenson, Transportation January 16, 1985
Lincoln County Board of Education 112 Oakdale Avenue St. Catharines, Ontario L2P 3J9 (416) 685-1551	Mr. R. Crawford, Supervisor of Planning and Transportation June 26, 1984; June 27, 1984; July 10, 1984; October 5, 1984; October 22, 1984; November 6, 1984
Lincoln County Roman Catholic Separate School Board 80 Grantham Avenue St. Catharines, Ontario L2P 3H1 (416) 682-8354	Mr. J.P. Skehin, Director of Education June 25, 1984; June 26, 1984; July 10, 1984; October 22, 1984 Mr. Slevar, Transportation January 17, 1985

Niagara South Board of Education *250 Thorold Road W.* *Welland, Ontario* *L3C 3W3* *(416) 735-3840*	*Mr. M.L. Townsend, Director of Education* *June 19, 1984; June 20, 1984; July 10, 1984; October 15, 1984* *Mr. D.W. Jackson, Superintendent of Schools/Planning* *October 22, 1984; November 12, 1984; December 5, 1984* *Mr. John Vernile* *January 16, 1985*
Crowland Central School *R.R. #1* *Welland, Ontario* *L3D 5N4* *(416) 735-0310*	*Mr. Bob Allen, Principal* *June 19, 1984; June 20, 1984*
Peel Board of Education *73 King Street West* *Mississauga, Ontario* *L5B 1H5* *(416) 279-6010*	*Mr. John Fraser, Director* *June 21, 1984; June 22, 1984* *Mr. John Greeniaus, Chief Planning Officer* *August 14, 1984; October 16, 1984* *Ms. Barb Gates, Area Business Officer* *October 15, 1984*
Welland County Roman Catholic Separate School Board *300 Fitch Street* *Welland, Ontario* *L3C 4W6* *(416) 735-0240*	*Mr. P.W. Ferren, Director of Education* *June 19, 1984; June 20, 1984; July 10, 1984* *Mr. N.S. Macdonald, Business Administrator* *October 18, 1984; October 19, 1984; November 14, 1984* *Mr. Don Gregoire, Transportation* *November 8, 1984; January 16, 1985*

CONSERVATION AUTHORITIES

* Information from Laventhol & Horwath contacts forwarded to IER

Credit Valley Conservation Authority Meadowvale, Ontario L0T 1K0 (416) 451-1615	Ms. Rose Menyes, Manager, Resource Planning July 3, 1984; July 9, 1984; July 26, 1984
Halton Region Conservation Authority Trafalgar Square 310 Main Street Milton, Ontario L3T 1P4 (416) 878-4131 (416) 826-2855	Mr. Murray Stephen, General Manager July 3, 1984; July 6, 1984; July 24, 1984; September 25, 1984 September 26, 1984; July 16, 1985
Metropolitan Toronto and Region Conservation Authority 5 Shoreham Drive North York, Ontario M3N 1S4 (416) 661-6600	Mrs. Alyson C. Deans, Planning Coordinator July 3, 1984; July 6, 1984; July 24, 1984
Niagara Peninsula Conservation Authority Centre Street Allanburg, Ontario L0S 1A0 (416) 227-1013	Ms. Barbara Guyatt, Resources Planner July 3, 1984; July 6, 1984; October 3, 1984* Ms. Marie Poirier, Conservation Planner October 3, 1984*

PRIVATE AGENCIES

* Information from Laventhol & Horwath contacts forwarded to IER
** Contacts made by IER for Environ Ltd.

Arpad Hungarian Cultural Centre Fonthill, Ontario LOS 1E0 (416) 356-3045	Mr. Szoke, President September 16, 1984* Mr. Dick Kemeny November 22, 1984*
Bethel Chapel Box 381 5 First Street Vineland, Ontario L0R 2C0 (416) 562-4475	Reverend Richard Snyder, Minister October 30, 1984 Mrs. Anderson Bethel Community Church October 12, 1984; June 24, 1985
Bethel United Church and Cemetery R.R. #1 Hornby, Ontario L0P 1E0 (416) 878-4872	Reverend John Griffin, Minister September 6, 1984; September 7, 1984; October 11, 1984; October 31, 1984; November 26, 1984
Bismark United Church and Cemetery Box 23 R.R. #2 Beamsville, Ontario L0R 1B0 (416) 563-7252	Reverend Andreas Kaellgrem, Bismark Pastoral Charge August 24, 1984; October 11, 1984; November 13, 1984; January 3, 1985
BMX Club Milton 551 Commercial Avenue Unit 30 Milton, Ontario L9T 4R9 (416) 876-1086	Mr. Gary Morrison, Manager September 13, 1984; November 21, 1984; November 22, 1984; Mrs. Morrison September 13, 1984; October 12, 1984
Brampton Golf and Country Club Box 38 Brampton, Ontario L6V 2K7 (416) 457-5700	Mr. Glenn Smale, Club Manager August 14, 1984; August 15, 1984; September 13, 1984; October 5, 1984
Burlington Airpark (Kovachik Aircraft Service Ltd.) R.R. #6 Milton, Ontario L9T 2Y1 (416) 335-6759	Mrs. Gwen Kovachik, Owner August 29, 1984; October 5, 1984; November 12, 1984; November 26, 1984 Mr. Victor Kovachik, Owner/Manager August 30, 1984; December 5, 1984

Spectrum Airways Flying School R.R. #6 Milton, Ontario L9T 2Y1 (416) 336-4010 (416) 336-4011	Mr. Greg Cross, Manager November 12, 1984; November 27, 1984
Camp Sidrabene** St. Andrew's Lutheran Church 383 Jarvis Street Toronto, Ontario M5B 2C7 (416) 924-1563	Reverend Calitis, Pastor October 25, 1984; October 31, 1984
Cemetery (Proposed) 7071 Oakwood Drive Niagara Falls, Ontario L2E 6S5 (416) 356-1622	Mrs. H. H. Karachi, Owner October 19, 1984 Mr. H. H. Karachi, Owner October 22, 1984; November 8, 1984
Church of Christ and Cemetery 241 Kings Court Milton, Ontario L9T 1X4 (416) 878-5696	Mrs. Brian Cox, Minister's Wife August 24, 1984; September 27, 1984; October 31, 1984 Mr. Paul Ross, Minister July 23, 1985
Cooks Mills United Church 59 River Road Apt. 43 Welland, Ontario L3B 2R7 (416) 732-1432	Reverend Hannah, Minister September 4, 1984; October 11, 1984; November 12, 1984 June 14, 1985
Croatian Club Karlovac (Proposed) 2134 King Street East Hamilton, Ontario L8K 1W6 (416) 547-1302	Mr. Frank Jaksa, Solicitor January 21, 1985
Damastra Farms R.R. #1 Jordan, Ontario L0R 1S0 (416) 562-5285	Mr. Les Braun, Owner October 10, 1984; October 11, 1984; November 19, 1984; November 20, 1984
Derrydale Golf Course R.R. #6 Mississauga, Ontario L5M 2B5 (416) 457-2024	Mr. Jim Holmes, Manager August 17, 1984; August 20, 1984; September 12, 1984; October 9, 1984

Elcho United Church and Cemetery c/o Mr. Norman Vaughan R.R. #3 Krick Sideroad Wellandport, Ontario L0R 2J0 (416) 386-6878	Elcho United Church Members June 28, 1984; July 4, 1984
Family Place - North Halton Child Care and Family Enrichment Centre** 185 Ontario Street South Milton, Ontario L9T 2M4 (416) 878-0121	Ms. Cindy Moran, Supervisor October 16, 1984
Flying Club (Under Development) 6325 Dunn Street Niagara Falls, Ontario L2G 2P6 (416) 356-2651	Mr. John Belme, Owner November 23, 1984
Foglars Country Club[1] P.O. Box 1062 Oakville, Ontario L6J 5E9 (416) 878-1030	July 22, 1985 July 24, 1985
German Canadian Club Hansa 6650 Hurontario Street Mississauga, Ontario L5M 2B5 (416) 457-4785	Mr. Henry Bunge, President Mr. Victor Bunton, Board Member June 25, 1984; October 31, 1984
Greek Orthodox Community of Mississauga and District Church (Proposed) 4195 Dundas Street West Suite 320 Toronto, Ontario M8X 1Y4 (416) 239-5903 (416) 239-7406	Mr. Boris A. Lebedinsky, Architect August 28, 1984; October 30, 1984; November 8, 1984

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[1] Non-response/refusal to participate in study.

Greek Orthodox Community of Mississauga and District c/o Figol, Gray & Snider Barristers and Solicitors 2253 Bloor Street West Toronto, Ontario M6S 1N8 (416) 767-7515	Mr. Michael Figol, Solicitor November 9, 1984
Gryphon Aviation Inc./ Niagara Sport Flying Association 16 Centennial Drive St. Catharines, Ontario L2N 6A4 (416) 562-5172	Mr. Glen Smith, Owner November 28, 1984; November 29, 1984
Halton Developmental Centre** 321 Ontario Street South Milton, Ontario L9T 3X9 (416) 878-4129	Ms. Peggy McCandless Supervisor October 16, 1984
Hindu Sabha Temple[1] 4209 Tea Garden Circle Mississauga, Ontairo L5B 2W6 (416) 279-4493	Mr. Inderjit Bhagria, Chairman August 13, 1984; August 15, 1984; September 10, 1984; October 2, 1984; October 24, 1984; November 9, 1984
Hobby Horse Farm Township of West Lincoln Box 400 318 Canboro Street Smithville, Ontario L0R 2A0 (416) 957-3346	Mr. Lorne Nelson, Building Inspector and Zoning Adminstrator October 17, 1984; October 31, 1984
Hunterbrook Farms[1] 5761 First Line Milton, Ontario L9T 2X5 (416) 878-7320	Hedges, M.
Indian Lake Campground Box 197 Fonthill, Ontario L0S 1E0 (416) 892-5622	Mr. Don Young, Owner August 16, 1984; December 4, 1984 Mrs. Sally Young, Owner August 16, 1984; September 10, 1984; October 10, 1984; October 30, 1984; November 28, 1984; December 3, 1984; December 4, 1984

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[1] Non-response/refusal to participate in study.

Kingdom Hall of Jehovah's Witness 85 White Avenue Welland, Ontario L3B 1J7 (416) 735-3364	Mr. A. Dale Kitchen, Secretary October 9, 1984; November 21, 1984; December 5, 1984
Lyons Creek United Church and Cemetery 7106 Hagar Avenue Niagara Falls, Ontario L2G 5M9 (416) 354-7232	Reverend Paul Grassie, Minister September 5, 1984; November 13, 1984; Ms. Marjorie Morris, Parishioner November 13, 1984
Mennonite Brethren Church Box 1 Vineland, Ontario L0R 2C0 (416) 562-5142	Reverend Gerry Ediger, Pastor September 5, 1984; November 13, 1984
Milton Junior Y Day Care** 327 Bronte Street, Unit 9 Milton, Ontario L9T 4A4 (416) 878-8711	Ms. Linda Thissen, Supervisor October 16, 1984
Milton YMCA Nursery School** 321 Ontario Street Milton, Ontario L9T 3X9 (416) 878-1602	Ms. Helen Kunze, Supervisor October 16, 1984
Mount Nemo Scout Camp** Hamilton-Wentworth District Council of Boy Scouts 375 James Street South Hamilton, Ontario (416) 528-5711	Mr. George Guest, Director October 24, 1984
Niagara Falls Art Gallery and Museum 8058 Oakwood Drive Niagara Falls, Ontario L2E 6S5 (416) 356-1514	Mr. Nykola Kolankiwsky, Owner September 6, 1984*
Niagara Meadows Holiday Park 8676 Oakwood Drive Niagara Falls, Ontario L2E 6S5 (416) 354-1432	Mr. Theo Morin, Owner September 19, 1984* Mrs. Francine Morin, Owner

Oakville Players Theatre 534 Appleby Line Burlington, Ontario L7L 3Y3 (416) 637-2917	Mrs. Elsie Helferty, Vice President of Membership October 11, 1984; October 12, 1984; November 12, 1984; December 10, 1984
Omagh Bible Camp 6559 Jupiter Boulevard Niagara Falls, Ontario L2J 3Y4 (416) 357-5500	Mr. Clark D. Hannah, President, Board of Directors October 3, 1984; November 22, 1984; November 29, 1984
Omagh Presbyterian Church and Cemetery 241 Woodward Avenue Milton, Ontario L9T 1V1 (416) 876-4297	Reverend Cecil Cunningham, Minister August 30, 1984; November 13, 1984; November 14, 1984; December 6,1984
Palermo United Church and Cemetery Palermo Post Office Oakville, Ontario L0P 1L0 (416) 827-0530	Reverend John Shearman, Minister September 19, 1984; September 20, 1984; November 12, 1984 Mr. W. Inglehart, Chairman, Cemetery Committee November 12, 1984
Pan-Hellenic-Canadian Community Centre (Proposed) Suite 203 60 Queen Street East Brampton, Ontario L6V 1A9 (416) 453-9161	Mr. Robert J. Posliff, Architect August 28, 1984; August 29, 1984 Mr. Grant Robinson, Architect October 9, 1984; November 1, 1984
Pan-Hellenic Society of Mississauga 2550 Hurontario Street Mississauga, Ontario L5B 1N5 (416) 279-8220	Mr. Louis Valianos, President November 1, 1984

Park Sikorskiego and Polish Canadian Club 21 Delroy Drive Etobicoke, Ontario M8Y 1M9 (416) 255-6004	*Mr. Baranowski, President September 20, 1984; September 26, 1984; November 12, 1984; December 6, 1984*
Pelham Union Women's Institute Centre R.R. #1 St. Catharines, Ontario L2R 6P7 (416) 684-3660	*Mrs. Carol Duff, Secretary-Treasurer August 17, 1984; September 13, 1984; October 15, 1984; October 25, 1984*
Rittenhouse Branch Library c/o Lincoln Public Library 10 Church Street Beamsville, Ontario L0R 1B0 (416) 563-7014	*Ms. Elizabeth Cummings, Librarian September 6, 1984; September 7, 1984; November 21, 1984*
Robert Land Academy/Camp Keewaytin R.R. #3 Wellandport, Ontario L0R 2J0 (416) 386-6203 (416) 386-6205	*Major Scott Bowman, Headmaster June 19, 1984; June 20, 1984; August 17, 1984; October 5, 1984; October 31,1984*
Pony Rides[1] *3122 Hurontario Street Mississauga, Ontario L5M 2B5 (416) 272-4688*	
Rolling Meadows Golf and Country Club Box 638 Fonthill, Ontario L0S 1E0 (416) 384-9241	*Mr. John McPhee, Owner September 10, 1984**

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[1] *LF2N dropped prior to contact being made.*

Rose City Snow Seekers[1] Box 483 1023 Ontario Street Welland, Ontario L3B 5R2 (416) 735-7782	Mr. Louis Gilbert, Owner August 29, 1984; August 30, 1984; October 1, 1984 Mrs. Gilbert, Owner September 28, 1984
Saw-Whet Golf Course 59 Cudmore Road Oakville, Ontario (416) 827-4565	Mr. Patterson, Owner June 13, 1985
Shallamar Boarding Stables[1] (416) 827-3319	Mr. John Markle, Owner June 13, 1985
Silverdale Gun Club 17 Ivy Avenue St. Catharines, Ontario L2P 1Y1 (416) 685-9686	Mr. George Miller, Owner September 4, 1984; September 5, 1984; October 2, 1984; October 3, 1984*
S.O.M. Club 5284 Fifth Line Milton, Ontario (416) 877-8780	Ms. Cecelia Ing June 19, 1985; June 24, 1985; June 29, 1985; July 10, 1985 Ms. Willie Scott, Manager September 17, 1985
Southminster Nursery School Inc.** 6801 Hagar Avenue Niagara Falls, Ontario L2G 5M5 (416) 354-2125	Ms. Rose Yuhasz, Supervisor October 16, 1984
St. Clair Masonic Hall and Cemetery 305 Maplewood Crescent Milton, Ontario L9T 2G1 (416) 878-2421	Mr. Wallace Gray, Property Committee Chairman August 29, 1984; August 30, 1984; November 27, 1984; November 29, 1984
St. Ilijia Macedonian Orthodox Church and Community Centre (Proposed) 165 Dundas Street West Mississauga, Ontario L5B 2N6 (416) 272-0420	Mr. Nassy Bilkovski, Architect Planner August 28, 1984; August 29, 1984; September 21, 1984; October 17, 1984

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[1] Non-response/refusal to participate in study.

St. Joseph's Portuguese Parish Box 314 Oakville, Ontario L6J 5A2 (416) 825-1364 (416) 825-2043	Reverend Louis Lima-Esteves, Pastor November 7, 1984; November 8, 1984; December 4, 1984 June 12, 1985
St. Luke's Anglican Church and Cemetery Palermo Post Office Oakville, Ontario L0P 1L0 (416) 827-7238	Reverend W.A. Anthony, Minister September 20, 1984; September 21, 1984; November 12, 1984; December 4, 1984
The Horse Centre[1] Box 641 7275 McLaughlin Road Mississauga, Ontario L5M 2C2 (416) 459-4211	Ms. Lyn Patterson, Manager August 16, 1984; September 14, 1984; October 5, 1984; October 31, 1984
The Horse Place 6378 Trafalgar Road R.R. #1 Hornby, Ontario L0P 1E0 (416) 878-8165	Ms. Valerie Wheaton, Owner August 24, 1984; November 9, 1984 Ms. Morag O'Hanlon, Manageress November 19, 1984; December 4, 1984; December 5, 1984
The Ranch 5111 Highway 25 R.R. #1 Milton, Ontario L9T 2X5 (416) 876-4511	Ms. Kathy Warren, Owner September 27, 1984*
Tinker Bell Nursery** 321 Ontario Street South Milton, Ontario, L9T 3X9 (416) 878-7656	Ms. Carol Robertson, Supervisor October 16, 1984
Trafalgar Golf and Country Club Box 56 Milton, Ontario L9T 2Y3 (416) 878-2303	Mr. Ross Watson, Manager September 28, 1984*
Trailer Park (Proposed)[1] R.R. #2 St. Ann's, Ontario L0R 1Y0 (416) 386-6720	Mrs. Laraine Burow, Owner September 13, 1984 October 11, 1984 November 12, 1984 November 13, 1984

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[1] Non-response/refusal to participate in study.

United Mennonite Home for the Aged Box 430 45 Second Street Vineland, Ontario LOR 2CO (416) 562-5543	Mr. Gerhard Thiessen, Administrator August 21, 1984; August 22, 1984; October 9, 1984; October 19, 1984
Victoria Experimental Farm Vineland Station, Ontario LOR 2EO (416) 562-4141	Mr. Bob Kalbfleisch, Executive Officer, Horticulture Research Institute of Ontario August 30, 1984 Mr. Straber, Executive Officer June 25, 1985
Victoria Tennis Club First Avenue, Box 142 Vineland Station, Ontario LOR 2EO (416) 562-5073	Mr. Kasinski, Trustee of Owning Company September 4, 1984; October 12, 1984 Ms. I. Gray, President of Owning Company September 20, 1984; October 15, 1984; November 12, 1984; November 14, 1984; November 20, 1984
Vineland Co-op Nursery School Box 153 Vineland Station, Ontario LOR 2EO (416) 562-4857 (416) 562-4291	Mrs. P. Short, Secretary October 12, 1984; October 15, 1984; November 12, 1984; Mrs. D. Yungblut, President November 21, 1984
Vineland Mennonite Church and Cemetery Box 502 Vineland, Ontario LOR 2CO (416) 562-4595	Reverend Richard Leonhard, Minister August 30, 1984; September 28, 1984; October 22, 1984; October 26, 1984
Vineland Missionary Church 13 Victoria Avenue South Vineland, Ontario LOR 2CO (416) 562-7141	Reverend David R. Jantzi, Pastor August 24, 1984; October 9, 1984; October 17, 1984; October 22, 1984; November 8, 1984
Vineland Pentecostal Church Box 55 Vineland, Ontario LOR 2CO (416) 562-4693	Reverend Ron Rantamaki, Minister August 22, 1984; August 23, 1984; September 27, 1984; October 30, 1984

Vineland United Church R.R. #1 Vineland, Ontario LOR 2E0 (416) 562-4515	Reverend Arthur Morgan, Minister October 1, 1984; October 22, 1984; October 25, 1984; October 26, 1984
Vineland United Mennonite Church Box 305 Vineland, Ontario LOR 2C0 (416) 562-4422	Reverend John Neufeld, Minister August 23, 1984 Jake Fransen, Interim Minister November 6, 1984; November 9, 1984; November 22, 1984 Mr. Nick Hamm, Church Council Secretary November 22, 1984
Vineland Women's Institute Hall Box 166 Vineland, Ontario LOR 2C0 (416) 562-5017	Mrs. Burtch, Member October 12, 1984; October 15, 1984; November 9, 1984; November 19, 1984; November 21, 1984
Wee Care Day Care Centre** 258 Commercial Street Milton, Ontario L9T 3C3 (416) 878-7552	Ms. Angela Silcock, Supervisor October 16, 1984
Wellandport Christian School** R.R. #1 Wellandport, Ontario LOR 2J0 (416) 386-6272	Mr. William Thies, Headmaster October 1, 1984
West Lincoln Co-op Nursery School** R.R. #2 St. Ann's, Ontario LOR 1Y0 (416) 386-6223	Ms. Lucy Vandenberg, Supervisor October 16, 1984
White Oaks Nursery School** 327 Bronte Street Unit 9 Milton, Ontario L9T 4A4 (416) 878-8711	Ms. Linda Thissen, Supervisor October 16, 1984
Willo-Dell Golf and Country Club 10325 Willow Dell Road Niagara Falls, Ontario L2E 6S5 (416) 295-3071	Mr. Jack Tanner, Owner September 12, 1984*

Wyldewood Golf and Country
Club
6198 Trafalgar Road
Milton, Ontario
L0P 1E0
(416) 878-4848

Mr. Paul Martin, Manager
September 26, 1984*

MEDICAL SERVICES

Douglas Memorial Hospital 230 Bertie Street Fort Erie, Ontario L2A 1Z2 (416) 871-6600	Mr. Candeloro, Executive Director September 13, 1984; September 14, 1984; October 2, 1984; October 31, 1984; December 5, 1984
Greater Niagara General Hospital 5546 Portage Road Niagara Falls, Ontario L2E 6X2 (416) 358-0171	Mr. William Payne, Vice President September 25, 1984; September 26, 1984; October 11, 1984; November 1, 1984; December 10, 1984 Mrs. Heather King, Secretary to Chief Executive Officer June 13, 1985; June 19, 1985
Haldimand War Memorial Hospital 206 John Street Dunnville, Ontario N1A 2P7 (416) 774-7431	Mr. P.L. Mailloux, Executive Director September 11, 1984; September 12, 1984; October 11, 1984; October 30, 1984; November 5, 1984
Hotel Dieu Hospital 155 Ontario Street St. Catharines, Ontario L2R 5K3 (416) 682-6411	Mrs. Pauline Marino, Assistant Executive Director of General Services September 13, 1984; October 2, 1984; October 31, 1984; November 7, 1984; June 13, 1985
Joseph Brant Memorial Hospital 1230 North Shore Blvd. Burlington, Ontario L7R 4C4 (416) 632-3730	Mr. Alan Torrie, Executive Director September 12, 1984; September 13, 1984 Ms. Lorna Macdonald, Executive Assistant October 2, 1984; November 13, 1984; November 29, 1984
Milton District Hospital Derry Road & Bronte Street Milton, Ontario L9T 2X5 (416) 878-2383	Mr. Brian Brady. Administrator September 11, 1984; October 1, 1984; October 22, 1984
Oakville-Trafalgar Memorial Hospital 327 Reynolds Street Oakville, Ontario L6J 3L7 (416) 845-2571	Miss L.H. Parsons, Executive Director September 11, 1984; October 9, 1984 Mr. G.V. Moogk, Assistant Executive Director October 23, 1984; November 27, 1984

Peel Memorial Hospital 20 Lynch Street Brampton, Ontario L6W 2Z8 (416) 451-1710	Mr. Albert Post, Administrator September 12, 1984; October 26, 1984; November 5, 1984; November 13, 1984
Port Colborne Ambulance Service Centre 119 Durham Street Port Colborne, Ontario L3K 1E1 (416) 835-5022	Mr. Eugene Twerdohlib, Owner-Manager September 13, 1984; September 14, 1984; November 12, 1984
Port Colborne General Hospital 260 Sugarloaf Street Port Colborne, Ontario L3K 2N7 (416) 834-4501	Mr. Ron Browne, Executive Director September 13, 1984; October 2, 1984; November 12, 1984; November 22, 1984
St. Catharines General Hospital 142 Queenston Street St. Catharines, Ontario L2R 7C6 (416) 684-7271	Mr. R. McCann, Executive Director September 13, 1984; September 14, 1984; October 5, 1984; October 31, 1984; November 1, 1984; November 23, 1984; June 13, 1985
The Credit Valley Hospital (under construction) 2200 Eglinton Avenue W. Mississauga, Ontario L5M 2N1 (416) 848-5000	Mr. Dean Shane, Administrator September 11, 1984; October 23, 1984
The Mississauga Hospital 100 Queensway West Mississauga, Ontario L5B 1B8 (416) 848-7562	Mr. A.M. Thomson, Vice President, Hospital Services September 11, 1984; October 24, 1984; October 26, 1984
Welland County General Hospital Third Street Welland, Ontario L3B 4W6 (416) 732-6111	Mr. B. Hammond, Assistant Executive Director September 11, 1984; September 12, 1984; October 2, 1984; October 31, 1984; November 19, 1984; December 10, 1984

West Lincoln Ambulance Service 65 Livingston Avenue Grimsby, Ontario L3M 1L3 (416) 945-8565	Mr. Podwinski, Manager September 19, 1984; September 20, 1984; November 2, 1984
West Lincoln Memorial Hospital 167 Main Street E. Grimsby, Ontario L3M 1P3 (416) 945-2253	Mr. Gordon Gibson, Executive Director September 11, 1984; September 12, 1984; October 2, 1984; November 5, 1984; December 5, 1984 June 13, 1985; June 19, 1985

APPENDIX C

DATA COLLECTION

APPENDIX C

DATA COLLECTION

The contents of this Appendix are presented as follows:

- Community and Recreation Features
- Examples of Agency Contact Letters
- Agency Contact Information Record Sheets
- Walk and Talk Survey Interview Form
- Access Route Survey Form
- Community Group Meetings
- Briefs Received
- Data on Emergency Facilities Provided by IER to OWMC

COMMUNITY AND RECREATION FEATURES

COMMUNITY AND RECREATION FEATURES

Hospital
Nursing Home
Home for the Aged
Institution for the Disabled
Mental Institution
Public Building (includes government offices, regional and local police departments, fire stations, court houses, public works departments)
Correctional Facility (includes correctional centres, reformatories, training centres, detention centres)
School
Special Education Facility
Post Secondary School (includes colleges, universities, trade and vocational schools)
Library
Church
Cemetery
National Park
Provincial Park
Conservation Area
Regional Park
Municipal Park
Private Park
Game Farm
Wildlife Centre
Golf Course
Commercial Recreation Facility
Community Centre
Cultural Centre
Museum
Theme Park
Fairground/Exhibition
Stadium
Live Theatre
Campground
Public Sports Facility
Private Sports Facility
Historic Site
Historic Building
Possible Historic Building
Century Farm

EXAMPLES OF AGENCY CONTACT LETTERS

C.3

Institute of Environmental Research Inc.
[illegible]

August 2, 1984

Mr. Bob Sones
Recreation Director
City of Niagara Falls
Box 1023
4310 Queen Street
Niagara Falls, Ontario
L2E 6X5

Dear Mr. Sones:

As discussed in our telephone conversation on July 31, the following data request for the Ontario Waste Management Corporation Study has has been sent via Mr. Doug Darbyson.

Our firm is responsible for collecting information on recreation facilities in and around the eight candidate sites. From information supplied by your department in the fall of 1983, it is apparent that Grassbrook Park and Crowland Community Park are located within the study areas, as highlighted on the attached maps. For this phase of our research, I would appreciate it if you could verify or update our existing data and provide us with some additional information. Existing data are shown on the attached sheets, and requested information is outlined below. The locations of recreation and community features that we have identified to date are shown on a separate set of maps that I have sent to Mr. Darbyson.

Information Requested for Grassybrook and Crowland Community Parks

Note: The following outline is similar to that shown on the attached data sheets, but is more detailed. If information is not available at this level of detail please indicate, but also verify/update existing data.

. . . /2

Information Requested for Grassybrook and Crowland Community Parks (cont'd)

- Locations and Property Boundaries (please outline on the attached 1:25,000 scale maps and return them to me)
  Note: From information gathered on visits to the area, I have indicated what appear to be the boundaries of Grassybrook Park on the marked-up maps. I am not sure, however, if this is correct.
- Property Size
- Description of Facilities
- Unique Features (natural or man-made)
- Programs/Activities Offered
- Special Events/Programs
- Hours/Seasons of Operation
- Average No. of Full-Time and Part-Time Employees
- User Profile
  - Total No. of Regular Users
  - Average No. Per Day
  - No. of Users at Peak(s)
  - Age Groups Served as Percentages of Total
  - Special Groups Served as Percentages of Total
- Capacity
- Current Levels of Use (intensity of use)
- Catchment Area (mapped, if possible)
- Methods of Transportation to Facility by Users, as Percentages of Total
- Closest Facilities of a Similar Nature (please include name(s) and location(s), if possible)
- Future Plans (expansion, additional facilities, etc.)

As shown on the marked-up maps, we have also identified a number of privately owned recreation facilities in the study areas. We would like to contact the owners/operators of these facilities in order to collect similar information. If you happen to know the names and/or phone numbers of the appropriate contacts for the facilities listed below, this information would be very helpful to us.

- Park (name unknown), between Chippawa Creek Drive and the Welland River, just east of Garner Road
- Niagara Meadows Holiday Travel Campgrounds
- Canadian-Hungarian Cultural Centre
- Willo-Dell Golf and Country Club
- Rolling Meadows Golf and Country Club
- Crowland Sport Club

. . . /3

In addition to providing the above information, could you please confirm that no other existing or proposed municipal recreation features are located within the study areas in Niagara Falls. If such facilities or properties do exist, I would appreciate it if you could indicate their names and locations on the maps and return them to me. The above outline on requested information would also apply to these features. If no such properties or facilities exist, a letter of confirmation to this effect would be appreciated. We would also like to receive any comments or concerns which you feel the Ontario Waste Management Corporation should consider with respect to existing and future recreation facilities in the City.

Finally, in order to maintain accurate records during our data collection phase, we are requesting business cards from all those individuals contacted. If you have any questions, or would like to arrange a meeting, please call me. Thanks very much for your help.

Sincerely,

Enc.

P.S. The information request that I sent to Mr. Darbyson deals more generally with public and private development proposals in the study areas.

Institute of Environmental Research Inc.
[illegible] SHEPPARD AVENUE WEST SUITE [illegible] WILLOWDALE (TORONTO) ONTARIO [illegible]

October 11, 1984

Mr. Robert Sones
Director of Recreation
City of Niagara Falls
Box 1023
4310 Queen Street
Niagara Falls, Ontario
L2E 6X5

Dear Mr. Sones:

I would like to thank you for your assistance with our research pertaining to the Ontario Waste Management Corporation study. In September, you provided our firm with the following information on Grassybrook Park and Crowland Community Park:

- maps outlining locations and property boundaries
- property sizes
- descriptions of natural features and facilities
- descriptions of unique features
- descriptions of programs/activities offered, and the types of special events that take place (the latter applicable to Grassybrook only)
- hours/seasons of operation
- figures on the numbers of full-time and part-time employees
- total numbers of regular users
- average numbers of users per day
- numbers of users at times of peak use
- age groups served, as percentages of totals
- special groups served, as percentages of total
- capacities
- current levels of use
- catchment areas
- methods of transportation to parks by users, as percentages of totals
- closest facilities of a similar nature
- future plans

It is my understanding that the above information supercedes that sent with our data request, for confirmation or correction. In our telephone conversation today, you were able to provide me with additional details on times of peak use, special groups served, catchment areas, users' methods of transportation, future plans, and general concerns regarding the proposed facility.

. . . /2

C.7

With respect to George Bukator Park, information other than its location and a description of natural/unique features is not available since it is not yet open to the public. Intended use, however, focuses on passive recreational activities relating to the natural aspects of the park.

In the event that there are any errors in the above information, or should you wish to provide us with any additional comments, please call me. Once again, thanks very much for your help.

Sincerely,

cc: J. Micak, OWMC

AGENCY CONTACT INFORMATION RECORD SHEETS

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY: ____________________

INFORMATION RECORD SHEET: RECREATION FEATURES

1. CONTACT: ____________________
POSITION: ____________________
AGENCY: ____________________
Name
____
Address
____
Phone #

2. FACILITY TYPE/NAME: ____________________
____

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ____________________
____

4. OWNERSHIP: ____________________

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ____________________

	Information Provided		
	Yes	No	Requested
6. GENERAL DESCRIPTION OF FACILITIES	☐	☐	☐
7. UNIQUE FEATURES	☐	☐	☐
8. PROGRAMS/ACTIVITIES OFFERED	☐	☐	☐
9. SPECIAL EVENTS/PROGRAMS	☐	☐	☐
10. HOURS/SEASONS OF OPERATION	☐	☐	☐
11. AVERAGE NO. OF FULL-TIME/PART-TIME EMPLOYEES	☐	☐	☐
12. PEAK USE (HOUR/DAY/WEEK/SEASON)	☐	☐	☐
13. USER PROFILE			
• Total (Membership/Regular Users)	☐	☐	☐
• Average Number/Day	☐	☐	☐
• Times of Peak Use	☐	☐	☐
• No. of Users at Peak(s)	☐	☐	☐
• Age Groups Served as Percentages of Total	☐	☐	☐
• Special Groups Served as Percentages of Total	☐	☐	☐
14. CAPACITY OF USE	☐	☐	☐
15. CURRENT LEVELS OF USE VS. CAPACITY	☐	☐	☐
16. CATCHMENT AREA (MAPPED).	☐	☐	☐
17. METHOD(S) OF TRANSPORTATION TO FACILITY BY USERS AS PERCENTAGES OF TOTAL	☐	☐	☐
18. ALTERNATIVES AVAILABLE TO USERS	☐	☐	☐
19. FUTURE PLANS (FACILITIES/SERVICES/HOURS)	☐	☐	☐
20. COMMENTS RE: POTENTIAL CONFLICTS/ IMPACTS	☐	☐	☐

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21. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:

____

INFORMATION RECORD SHEET: SCHOOLS

1. CONTACT: ______________________________

POSITION: ______________________________

SCHOOL BOARD: ______________________________
Name

____
Address

____
Phone #

2. SCHOOL: ______________________________
Name

____
Type (Grade Levels)

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ______________________________

____

4. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ______________________________

____

	Information Provided		
	Yes	No	Requested
5. GENERAL DESCRIPTION OF FACILITIES	☐	☐	☐
6. ENROLMENT			
• Capacity	☐	☐	☐
• Present	☐	☐	☐
• Projected	☐	☐	☐
• Trends (Increasing/Decreasing)	☐	☐	☐
• Alternatives Available to Students	☐	☐	☐
7. STAFF (INCLUDING SPECIAL EDUCATION STAFF)			
• Administrative	☐	☐	☐
• Teaching Full-Time	☐	☐	☐
• Teaching Part-Time	☐	☐	☐
• Support	☐	☐	☐
8. SPECIAL EDUCATION PROGRAMS			
• General Learning Disability/ Special Learning Disability	☐	☐	☐
• Segregated/Non-Segregated Classes	☐	☐	☐
• Alternatives Available to Special Education Students	☐	☐	☐
9. CATCHMENT AREA (MAPPED)	☐	☐	☐
10. BUSSING			
• Percentage of Students Bussed	☐	☐	☐
• Designated Routes (Mapped)	☐	☐	☐
• Hours of Travel	☐	☐	☐

	Information Provided		
	Yes	No	Requested
11. COMMUNITY USE OF FACILITIES			
• Regular or Occasional Use Predominates	☐	☐	☐
• Times of Regular use (Evenings/ Weekends, etc.)	☐	☐	☐
• Total No. of Regular Users	☐	☐	☐
• Regular Users/Groups by Frequency/Times/Type of use	☐	☐	☐
• Catchment Area (Mapped)	☐	☐	☐
• Alternatives Available to Users	☐	☐	☐
• Current Levels of Use Vs. Capacity	☐	☐	☐
12. FUTURE PLANS (CLOSURE/EXPANSION etc.)	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/ IMPACTS	☐	☐	☐
14. EVACUATION PROCEDURE			
• In place	☐	☐	☐
• Description	☐	☐	☐

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15. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY: ______________

INFORMATION RECORD SHEET: CHURCHES

1. CONTACT: ______________

   POSITION: ______________

   AGENCY: ______________
   Name

   ____
   Address

   ____
   Phone #

2. FACILITY TYPE/NAME: ______________

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ______________

4. OWNERSHIP: ______________

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ______________

	Information Provided Yes	No	Requested
6. GENERAL DESCRIPTION OF FACILITIES	☐	☐	☐
7. UNIQUE FEATURES	☐	☐	☐
8. PARISH			
• Boundaries (mapped)	☐	☐	☐
• Total No. of Parishoners	☐	☐	☐
• Membership			
• Increasing	☐	☐	☐
• Stable	☐	☐	☐
• Declining	☐	☐	☐
9. SERVICES			
• Days/Hours	☐	☐	☐
• Average No. in Attendance	☐	☐	☐
10. COMMUNITY USE OF FACILITIES			
• Regular or Occasional Use Predominates	☐	☐	☐
• Times of Regular use (Evenings/ Weekends, etc.)	☐	☐	☐
• Total No. of Regular Users	☐	☐	☐
• Regular Users/Groups by Frequency/Times/Type of use	☐	☐	☐
• Catchment Area (Mapped)	☐	☐	☐
• Alternatives Available to Users	☐	☐	☐
• Current Levels of Use Vs. Capacity	☐	☐	☐
• Special Events/Programs/ User Groups	☐	☐	☐
11. METHOD(S) OF TRANSPORTATION TO FACILITY BY USERS AS PERCENTAGES OF TOTAL	☐	☐	☐
12. FUTURE PLANS (FACILITIES/SERVICES/HOURS)	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/ IMPACTS	☐	☐	☐

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14. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:
____

INFORMATION RECORD SHEET: CEMETERIES ON SITES

1. CONTACT: ________________
POSITION: ________________
AGENCY: ________________
Name
____
Address
____
Phone #

2. FACILITY TYPE/NAME: CEMETERY/________________
____

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ________________
____

4. OWNERSHIP: ________________

	Information Provided		
	Yes	No	Requested
5. PROPERTY BOUNDARIES (MAPPED)	☐	☐	☐
6. ACREAGE	☐	☐	☐
7. DATE OF ESTABLISHMENT	☐	☐	☐
8. IN CURRENT USE/ABANDONED	☐	☐	☐
9. PLANNED EXPANSION	☐	☐	☐
10. HISTORIC SIGNIFICANCE	☐	☐	☐
11. PROCEDURES REGULATING:			
• Relocation of Cemeteries	☐	☐	☐
• Construction/Operations in the Vicinity of Cemeteries	☐	☐	☐
12. COMMENTS RE: POTENTIAL IMPACTS/ CONFLICTS	☐	☐	☐

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13. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:

INFORMATION RECORD SHEET: GOVERNMENT OFFICES

1. CONTACT:

POSITION:

AGENCY:

Name

Address

Phone #

2. FACILITY TYPE/NAME:

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED):

4. OWNERSHIP:

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE:

	Information Provided		
	Yes	No	Requested
6. GENERAL DESCRIPTION OF FACILITIES	☐	☐	☐
7. SITE ACREAGE	☐	☐	☐
8. NO. OF STAFF			
• Full-time	☐	☐	☐
• Part-time	☐	☐	☐
• Per Shift	☐	☐	☐
• Shift Hours	☐	☐	☐
• Capacity (No. at Full Staff)	☐	☐	☐
9. ALTERNATIVE FACILITIES AVAILABLE	☐	☐	☐
10. VISITORS			
• Average No. Per Workday	☐	☐	☐
11. COMMUNITY USE OF FACILITIES			
• Regular or Occasional Use Predominates	☐	☐	☐
• Times of Regular use (Evenings/Weekends, etc.)	☐	☐	☐
• Total No. of Regular Users	☐	☐	☐
• Regular Users/Groups by Frequency/Times/Type of use	☐	☐	☐
• Catchment Area (Mapped)	☐	☐	☐
• Alternatives Available to Users	☐	☐	☐
• Current Levels of Use Vs. Capacity	☐	☐	☐
• Special Events/Programs/User Groups	☐	☐	☐
12. FUTURE PLANS (FACILITIES/SERVICES/HOURS)	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/IMPACTS	☐	☐	☐

14. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:

____

INFORMATION RECORD SHEET: GOVERNMENT FACILITIES: MAINTENANCE/OPERATIONS

1. CONTACT: ______________________________

POSITION: ______________________________

AGENCY: ______________________________
Name

____
Address

____
Phone #

2. FACILITY TYPE/NAME: ______________________________

____

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ______________________________

____

4. OWNERSHIP: ______________________________

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ______________________________

	Information Provided		
	Yes	No	Requested
6. GENERAL DESCRIPTION OF FACILITIES AND SERVICES	☐	☐	☐
7. SITE ACREAGE	☐	☐	☐
8. SERVICE AREA (MAPPED)	☐	☐	☐
9. HOURS OF OPERATION	☐	☐	☐
10. NO. OF STAFF			
• Total (By Season)	☐	☐	☐
• Per Shift	☐	☐	☐
• Shift Hours	☐	☐	☐
• Percentage Office/Field Staff	☐	☐	☐
11. FUTURE PLANS (FACILITIES/SERVICES/HOURS)	☐	☐	☐
12. COMMENTS RE: POTENTIAL CONFLICTS/ IMPACTS	☐	☐	☐

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13. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY: ____________________

INFORMATION RECORD SHEET: EMERGENCY FACILITIES

1. CONTACT: ____________________

POSITION: ____________________

AGENCY: ____________________
Name

____
Address

____
Phone #

2. FACILITY TYPE/NAME: FIRE STATION/ ____________________

____

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ____________________

____

4. OWNERSHIP: ____________________

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ____________________

____

	Information Provided Yes	No	Requested
6. TYPE (VOLUNTEER/PERMANENT)	☐	☐	☐
7. SERVICE AREA			
• Mapped	☐	☐	☐
• Population Served	☐	☐	☐
8. NO. OF FIREFIGHTERS			
• Part-time	☐	☐	☐
• Full-time	☐	☐	☐
• Per Shift	☐	☐	☐
• Adequate/Inadequate Re: Present Level of Demand	☐	☐	☐
9. SHIFT HOURS	☐	☐	☐
10. EQUIPMENT			
• No. of Trucks By Type/Size/Capacity	☐	☐	☐
• Other	☐	☐	☐
• Adequate/Inadequate Re: Present Level of Demand	☐	☐	☐
11. RESPONSE TIME	☐	☐	☐
12. EMERGENCY CONTROL TRAINING			
• Description of Programs:			
• Planned by No. of Staff	☐	☐	☐
• In Progress by No. of Staff	☐	☐	☐
• Completed by No. of Staff	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/IMPACTS	☐	☐	☐

14. INFORMATION SOURCES AND DATES:

CONTACTED BY:

DATE:
CHECK: PHONE CALL ☐
MEETING ☐

STAPLE
BUSINESS CARD
HERE

INFORMATION RECORD SHEET: EMERGENCY FACILITIES

1. CONTACT:
   POSITION:
   AGENCY:
   Name
   Address
   Phone #

2. FACILITY TYPE/NAME: POLICE STATION/

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED):

4. JURISDICTION (PROVINCIAL/REGIONAL/MUNICIPAL)

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE:

	Information Provided		
	Yes	No	Requested
6. PATROLLING AREAS/ZONE			
• Mapped	☐	☐	☐
• Population Served	☐	☐	☐
7. SIZE OF FORCE			
• Total	☐	☐	☐
• Per Zone	☐	☐	☐
• Per Shift	☐	☐	☐
• Adequate/Inadequate Re: Present Level of Demand	☐	☐	☐
8. SHIFT HOURS	☐	☐	☐
9. EQUIPMENT			
• No. of Vehicles	☐	☐	☐
• Other	☐	☐	☐
• Adequate/Inadequate Re: Present Level of Demand	☐	☐	☐
10. RESPONSE TIME	☐	☐	☐
11. EMERGENCY CONTROL TRAINING			
Description of Programs:			
• Planned by No. of Staff	☐	☐	☐
• In Progress by No. of Staff	☐	☐	☐
• Completed by No. of Staff	☐	☐	☐
12. EMERGENCY CONTROL GROUP			
• Size	☐	☐	☐
• Representatives	☐	☐	☐
• Mandate	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/IMPACTS	☐	☐	☐

14. INFORMATION SOURCES AND DATES:

C.17

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:
____

INFORMATION RECORD SHEET: EMERGENCY FACILITIES

1. CONTACT: ____

   POSITION: ____

   AGENCY: ____
   Name
   ____
   Address
   ____
   Phone #

2. FACILITY TYPE/NAME: AMBULANCE DEPOT/ ________________________
   ____

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED): ____________________
   ____

4. OWNERSHIP: ____
   ____

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE: ____________________
   ____
   ____

	Information Provided		
	Yes	No	Requested
6. SERVICE AREA			
• Mapped	☐	☐	☐
• Population Served	☐	☐	☐
7. No. of Drivers and/or Attendants			
• Part-Time	☐	☐	☐
• Full-Time	☐	☐	☐
• Per Shift	☐	☐	☐
• Adequate/Inadequate Re; Present Level of Demand	☐	☐	☐
8. SHIFT HOURS	☐	☐	☐
9. EQUIPMENT			
• No. of Vehicles by Type/Size	☐	☐	☐
• Other	☐	☐	☐
• Adequate/Inadequate Re: Present Level of Demand	☐	☐	☐
10. RESPONSE TIME	☐	☐	☐
11. EMERGENCY CONTROL-TRAINING			
• Description of Programs			
• Planned by No. of Staff	☐	☐	☐
• In Progress by No. of Staff	☐	☐	☐
• Completed by No. of Staff	☐	☐	☐
12. COMMENTS RE: POTENTIAL CONFLICTS/IMPACTS	☐	☐	☐

13. INFORMATION SOURCES AND DATES:

STAPLE
BUSINESS CARD
HERE

DATE:
CHECK: PHONE CALL ☐
MEETING ☐
CONTACTED BY:

INFORMATION RECORD SHEET: EMERGENCY FACILITIES

1. CONTACT:

POSITION:

AGENCY:
Name

Address

Phone #

2. FACILITY TYPE/NAME: HOSPITAL/

3. LOCATION (ADDRESS/MUNICIPALITY/MAPPED):

4. OWNERSHIP:

5. DISTANCE FROM CANDIDATE SITE/ACCESS ROUTE:

	Information Provided		
	Yes	No	Requested
6. GENERAL DESCRIPTION OF FACILITIES/ SERVICES	☐	☐	☐
7. SERVICE AREA			
• Mapped	☐	☐	☐
• Population Served	☐	☐	☐
8. NO. OF STAFF			
• Administrative	☐	☐	☐
• Medical			
• Doctors	☐	☐	☐
• Specialists	☐	☐	☐
• Nurses	☐	☐	☐
• Nurses Aides	☐	☐	☐
• Support	☐	☐	☐
9. EMERGENCY FACILITIES			
• Description	☐	☐	☐
• Staff			
• No. by Shift	☐	☐	☐
• No. of Doctors by Shift	☐	☐	☐
• No. of Specialists by Shift	☐	☐	☐
• No. of Nurses by Shift	☐	☐	☐
10. CAPACITY			
• No. of Out-Patient Care Facilities and Typical Level of Use	☐	☐	☐
• No. of In-Patient Beds per 1,000 Population of Service Area and Typical Level of Use	☐	☐	☐

	Information Provided		
	Yes	No	Requested
11. EMERGENCE CONTROL TRAINING			
• Description of Programs			
• Planned by No. of Staff	☐	☐	☐
• In Progress by No. of Staff	☐	☐	☐
• Completed by No. of Staff	☐	☐	☐
12. DO YOU HAVE A SPECIAL DESIGNATED EMERGENCY RESPONSE UNIT? IF YES, DESCRIBE SIZE AND FUNCTION.	☐	☐	☐
13. COMMENTS RE: POTENTIAL CONFLICTS/IMPACTS	☐	☐	☐

14. INFORMATION SOURCES AND DATES:

WALK AND TALK SURVEY INTERVIEW FORM

QUESTIONNAIRE # ______________

WALK & TALK INTERVIEW SCHEDULING FORM

INTERVIEWEE INFORMATION

Information correct: Yes ☐ No ☐

Correct information: ______________________________

____

____

NOTIFICATION

Received letter: Yes ☐ No ☐

TYPE OF PROPERTY

Farm Non-farm

Acreage: __________ Owner/Farmer ☐

Other business on property: Yes ☐ No ☐

Details: ______________________________

TENANTS/RENTERS

Yes ☐ No ☐ Tenant Farmer ☐

Names: ______________________________

Address: ______________________________

______________________________ Phone#:

MISCELLANEOUS

____

____

INTERVIEW INFORMATION

Preferred date: ______________ time: ______________

1st alternative: ______________ time: ______________

2nd alternative: ______________ time: ______________

Name of interviewer: ______________________________

Directions/Approach instructions: ______________________________

____

____

____

CONTACT RECORD

Call #	Date	Time	Caller Initial
1			
2			
3			
4			
5			

Registered letter sent: Date ______________

Interview Identification Number: _____

OWMC PHASE 4A

INTERVIEW FORM
NON-FARM PROPERTIES ON SITE AND ADJACENT TO THE CANDIDATE SITES[1]

THE PURPOSE OF THE INTERVIEW

The purpose for this interview is to collect information from residents who live on and in the area of OWMC's candidate sites. This information will be used to develop evaluation criteria to compare the candidate sites. In combination with other information, it will help us to eliminate unsuitable sites and select a preferred site or sites for OWMC waste treatment facilities.

Site: _______ Date: ________________ Time: _______________

Interviewer(s): ________________________________

Respondent's Name: ________________________________

Address: ________________________________
____
____

Lot: __________ Concession: __________

Township: ________________________________

Telephone: ________________________________

Property is: On Site ☐ Assessment Roll Numbers ________
____
____
____

Adjacent ☐ Assessment Roll Numbers ________
____
____
____

Vicinity ☐ Assessment Roll Numbers ________
____
____
____
____

---

[1] All on-site and adjacent residents were personally interviewed and, with the exception of absentee landowners and tenant farmers, were requested to answer all the survey questions. Absentee landowners with property on-site or adjacent to the site and tenant farmers who work land but do not live in the above-noted study areas or in the vicinity were interviewed but asked only the following questions: 1, 2, 10, 11, 12, 24, 25, and 26. Where required, a question was revised for relevance to the interviewee. For example, Question 1 was reworded as follows: How many years have you owned (absentee landowner)/rented (tenant farmer) this property? All other vicinity residents received a self-administered drop-off questionnaire with the following questions omitted: 4b, 6, 7, 12c, and 12d.

Interview Identification Number: ______

SOCIO-ECONOMIC

The following questions are important for providing us with a clear understanding of the structure and character of this area. It is necessary to have as accurate a profile of the community as possible so that we can describe for O.W.M.C. the possible effects or consequences of locating a waste treatment facility in this community.

*1. How many years have you lived at this address? (INTERVIEWER: show respondent the card)

- a. Less than one year ☐
- b. 1-2 years ☐
- c. 3-5 years ☐
- d. 6-10 years ☐
- e. 11-15 years ☐
- f. 16-20 years ☐
- g. More than 20 years ☐
- h. Always lived here ☐

*2. Was this property owned by another member of your family before you moved here?

Yes ☐ No ☐ Don't Know ☐

(If yes) How many years has this property been owned by members of your family? ______ years

3. How long have you lived in [Milton], [Mississauga], [Niagara Falls] [West Lincoln]? (INTERVIEWER: Read the appropriate municipality name; circle the appropriate municipality.) (INTERVIEWER NOTE: this question refers to their total lifetime.)

- a. Less than one year ☐
- b. 1-2 years ☐
- c. 3-5 years ☐
- d. 6-10 years ☐
- e. 11-15 years ☐
- f. 16-20 years ☐
- g. More than 20 years ☐

4a. Sometimes several generations of a family have lived in an area for many years. Did your ancestors live in [Milton], [Mississauga], [Niagara Falls], [West Lincoln]?

Yes ☐ No ☐

(If yes) Approximately how many years has your family lived in [Milton], [Mississauga], [Niagara Falls], [West Lincoln]? ______ years

(INTERVIEWER: If respondent has lived in the municipality 10 years or less, ask:)

**b. Why did you move to [Milton], [Mississauga], [Niagara Falls], [West Lincoln]?

______

______

______

5. How has this area changed since you have been living here? (INTERVIEWER: Ask this question of all respondents.)

______

______

______

---

* Questions asked of absentee landlords and tenant farmers.

** Questions omitted from vicinity drop-off questionnaire.

Interview Identification Number: ________

**6. How many relatives with whom you keep in contact live in this area? (INTERVIEWER: show appropriate site vicinity map.) __________

Can you show me where they live? (INTERVIEWER: Locate with symbol R)

**7. How many of your five closest friends, that is friends that you visit in each others homes or would go to for advice and assistance, live in this area? ______

Can you show me where they live? (INTERVIEWER: Locate with symbol F)

8. Do you own or rent your home?

Own ☐ Rent ☐

9. Do you live on this property year-round?

Yes ☐ No ☐

(If no) Where else do you live and for approximately how long each year?

Where (municipality)______________________________

How long each year______________________________

*10. Please describe for me the main ways in which you use your property? (INTERVIEWER NOTE: We are interested in knowing how people use their property in their spare time, i.e., for gardening, recreation, general leisure and relaxation, etc.)

____

____

____

____

*11. Do any individuals other than those living in this household use your property for any purpose?

Yes ☐ No ☐

(If yes) For what purpose(s) do they use your property?

____

____

*12a. Do you rent any portion of your property to individuals other than those living in this household?

Yes ☐ No ☐

b. (If yes) for what purposes? ______________________________

____

**c. (If yes) to whom do you rent the property?

____

____

____

**d. (If it is for agricultural purposes, ask)

Could you estimate for us your annual rental income?

____

Interview Identification Number: ______

13. We would like some information concerning the occupation and place of employment of the people living in this household. Please answer the following questions for each person living in this household who is of working age.
(INTERVIEWER: Person #1 is the respondent)
(INTERVIEWER NOTE: If someone lives in the household part-time, such as a university student living away from home, exclude them from this question. We are specifically concerned with those who are "full-time" residents of the household. If person has more than one occupation, list each occupation in the space provided. If one occupation is the person's major occupation, identify it with an asterisk (*).)

	What is the person's relationship to you?	What is the person's occupation?	Who is the person's employer?	Where is the person's place of employment?
Person #1	not applicable	______	______	______
Person #2	______	______	______	______
Person #3	______	______	______	______
Person #4	______	______	______	______
Person #5	______	______	______	______
Person #6	______	______	______	______

Interview Identification Number: ________

14. What do you like about living in this area?

What do you dislike about living in this area?

15. Are you or the other members of your household presently involved in any community groups or community activities?

Yes ☐ No ☐

(If yes) Which community groups/activities? (specify)

16. Are you or other members of your household now on the executive of any community groups?

Yes ☐ No ☐

(If yes) which ones? ________

Interview Identification Number: ________

17. Where do the members of your household go most often for: (INTERVIEWER NOTE: If more than one location is mentioned for each activity, record all locations.)

	Grocery Shopping	To shop for Clothes	Recreation Activities	Health Services	Entertainment
Record answers for West Lincoln residents below					
Wellandport	☐	☐	☐	☐	☐
Smithville	☐	☐	☐	☐	☐
St. Catharines	☐	☐	☐	☐	☐
Hamilton	☐	☐	☐	☐	☐
Stoney Creek	☐	☐	☐	☐	☐
Burlington	☐	☐	☐	☐	☐
Niagara Falls	☐	☐	☐	☐	☐
Other (specify) ________	☐	☐	☐	☐	☐
Record answers for Milton residents below					
Milton	☐	☐	☐	☐	☐
Mississauga	☐	☐	☐	☐	☐
Oakville	☐	☐	☐	☐	☐
Burlington	☐	☐	☐	☐	☐
Hamilton	☐	☐	☐	☐	☐
Toronto	☐	☐	☐	☐	☐
Other (specify) ________	☐	☐	☐	☐	☐
Record answers for Mississauga residents below					
Mississauga	☐	☐	☐	☐	☐
Toronto	☐	☐	☐	☐	☐
Oakville	☐	☐	☐	☐	☐
Burlington	☐	☐	☐	☐	☐
Hamilton	☐	☐	☐	☐	☐
Other (specify) ________	☐	☐	☐	☐	☐
Record answers for Niagara Falls residents below					
Niagara Falls	☐	☐	☐	☐	☐
Niagara Falls, U.S.A.	☐	☐	☐	☐	☐
St. Catharines	☐	☐	☐	☐	☐
Hamilton	☐	☐	☐	☐	☐
Toronto	☐	☐	☐	☐	☐
Other (specify) ________	☐	☐	☐	☐	☐

(INTERVIEWER NOTE: If pressed by the respondent for definitions, recreation activities refer to organized leisure time activities that are undertaken on a regular basis; health services refer to doctor, dentist or other regular visits for medical attention; and, entertainment refers to a special night out with friends.)

Interview Identification Number: ________

18. How many adults 18 years of age or over are living in this household? ________

19. How many children under 18 years of age are living in this household? ________

20. What are the ages of the children living in this dwelling?

Age of child one ____
Age of child two ____
Age of child three ____
Age of child four ____
Age of child five ____
Age of child six ____

21. Using the categories on this card, please indicate which category describes your age. (INTERVIEWER: Give card to respondent.)

a. 15-19 years ☐
b. 20-24 years ☐
c. 25-34 years ☐
d. 35-44 years ☐
e. 45-54 years ☐
f. 55-64 years ☐
g. over 65 years ☐

22. Using the same card, what is the age category of your spouse?

a. 15-19 years ☐
b. 20-24 years ☐
c. 25-34 years ☐
d. 35-44 years ☐
e. 45-54 years ☐
f. 55-64 years ☐
g. over 65 years ☐

23. Using the categories on this card, please indicate the category that best describes the level of education that you have. (INTERVIEWER: Give card to respondent)

a. Some elementary ☐
b. Elementary ☐
c. Some high school ☐
d. High school ☐
e. Some university ☐
f. University degree ☐
g. Community College degree or diploma ☐
h. University post graduate degree ☐

Interview Identification Number: ______

(INTERVIEWER NOTE: People living on-site will obviously say they will be displaced or have to move. It is important to determine if they would move nearby, or stay in the municipality. Also, probe for the kinds of things they feel they will be losing by being displaced.)

*24. If OWMC built its waste facilities here, what are the ways in which you think you and members of your household would be affected?

*25. How do you think OWMC's facilities would affect [Milton] [Mississauga] [West Lincoln] [Niagara Falls]?

*26. Do you have any comments or special concerns which you feel OWMC should consider?

Interview Identification Number: ______

CONCLUSION OF THE INTERVIEW

Time Completed: ______________________

Respondent's request for additional information:

- information requested:

- action required:
  - send reports
    specify ______________________
  - contact by phone
    preferred time ______________________
  - other
    specify ______________________

Additional data/information that may be relevant to the study team:

Interview attachments:

Map ☐

Other ☐ specify ______________________

____

ACCESS ROUTE SURVEY FORM

Interview Identification No. ________

OWMC PHASE 4A
SURVEY FORM

PROPERTIES ON POTENTIAL ACCESS ROUTES TO THE CANDIDATE SITES[1]

THE PURPOSE OF THE SURVEY

The purpose for this survey is to collect information from residents along potential access routes to OWMC's candidate sites. This information will be used to develop evaluation criteria to compare the candidate sites. In combination with other information, it will help us to eliminate unsuitable sites and select a preferred site or sites for OWMC's waste treatment facilities. The survey also provides residents along the potential access roads to the candidate sites with an opportunity to provide OWMC's consultants with characteristics of their properties that may be significant and relevant to the selection of a preferred site or sites.

THE POTENTIAL ACCESS ROAD IS ________________________________

Your Name: ________________________________

Address: ________________________________

____

____

Lot: ____________ Concession: ____________

Township: ____________ Telephone: ____________

NOTE: OWMC will not volunteer, disclose or attribute information of a personal, confidential or private nature; however, the information might become subject to disclosure if OWMC is so ordered by the hearing officers. Also the information may be used by OWMC for the purpose of compiling aggregated statistics and other data, the individual components of which would not be separately identified.

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1. Self-administered drop-off questionnaire.

Interview Identification No. ________

ACCESS ROUTES QUESTIONNAIRE

1. In total, how many people normally live in this household? __________

2. Please provide the current age of each person who normally lives in this house.

Age of Person 1 ______	Person 7 ______
Person 2 ______	Person 8 ______
Person 3 ______	Person 9 ______
Person 4 ______	Person 10______
Person 5 ______	Person 11______
Person 6 ______	Person 12______

3. How would you describe the existing traffic on the potential access road? For each statement check the box which most closely applies.

	MOST OF THE TIME	SOME OF THE TIME	SELDOM	DON'T KNOW
The traffic moves at or below the speed limit	☐	☐	☐	☐
The traffic noise disrupts conversation in our yard	☐	☐	☐	☐
The traffic volume makes it difficult for pedestrians to cross the road	☐	☐	☐	☐
I have difficulty entering the road from my driveway or laneway	☐	☐	☐	☐

4. Do you have any concerns about traffic on the road currently?

Yes ☐ No ☐

If yes, please specify.

____

____

____

5. Are there some things that you or members of your household like to do that are inhibited or affected by the current traffic on the road?

Yes ☐ No ☐

If yes, please explain.

6. Do you feel that an additional 20 trucks (such as tanker trucks) per hour on the access road during a normal working day will make any difference to the use and enjoyment of your property or to your usual activities?

Yes ☐ No ☐

If yes, please indicate the differences you would anticipate.

7. Please indicate any other concerns or comments related to the potential access roads and OWMC activity generally that you wish to draw to the attention of OWMC.

COMMUNITY GROUP MEETINGS

COMMUNITY GROUP MEETINGS*

Site	Date	Participant Groups
LF2N	April 11, 1984	• Mississauga Citizen's Environmental Protection Association (MCEPA) • Meadowvale Village Community Association
	July 26, 1984	• MCEPA • Area residents
	December 11, 1984	• MCEPA
PI13N	August 15, 1984	• Omagh United Taxpayers (OUT) • Omagh Bible School • Halton School Board
	September 13, 1984	• Area Churches
	January 12, 1985	• Board of Directors, Omagh Bible School Corporation
LF3C	April 10, 1984	• Elcho Site Study Committee of Chippawa Watershed Association Inc. • Local Residents • Robert Land Military Academy
	June 19, 1984	• Elcho Site Study Committee of Chippawa Watershed Association Inc.
	December 14, 1984	• Elcho Site Study Committee of Chippawa Watershed Association Inc.
	July 30, 1985	• Elcho Site Study Committee of Chippawa Watershed Association Inc.

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* This list does not include the various special workshops convened by OWMC.

Site	Date	Participant Groups
LF9C	December 4, 1984	• Schram Site Study Committee • Area residents
	August 14, 1985	• Schram Site Study Committee
LF1E, PI27E	August 9, 1984	• Hazardous Waste Research Team, City of Niagara Falls • Representatives of LF1E and PI27E local communities
	November 28, 1984	• City of Niagara Falls
	January 28, 1985	• City of Niagara Falls
	July 8, 1985	• Hazardous Waste Research Team, City of Niagara Falls

BRIEFS RECEIVED

BRIEFS RECEIVED

• Office of Regional Councillor Regional Municipality of Niagara CONTACT: Peter Sobol (416) 685-1571	REC'D: April 30, 1984
• Grassy Brook Park/Hungarian Cultural Centre CONTACT: Robert Sones	REC'D: April 30, 1984
• Business and Convention Bureau; Niagara Falls CONTACT: D. Gordon Paul	REC'D: April 30, 1984
• Mr. Gordon Orr, Niagara Falls	REC'D: May 14, 1984
• Omagh United Taxpayers (OUT) CONTACT: Chris J. Austin, Chairman	REC'D: April 30, 1984
• Schram Site Study Committee of the West Lincoln Task Force Against Toxic Waste (2 copies) CONTACT: Marie Jacobs	REC'D: October 3, 1984
• Second Mailing by the above (Questions submitted to the OWMC at the April 10 Information Day with a response from OWMC)	REC'D: April 30, 1984
• STAC - Straight Talk About Contaminants OUT	REC'D: August 1, 1984
• Peggy Johnson Milton	REC'D: April 27, 1984
• Regional Municipality of Niagara Planning and Development Department CONTACT: Mr. C. Cambray, Manager Policy Planner	REC'D: August 1, 1984

DATA ON EMERGENCY FACILITIES
PROVIDED BY IER TO OWMC

COMPARATIVE EVALUATION OF SITING OPTIONS

The following comprises an inventory of emergency response facilities closest to the siting options. These data were collected by IER and forwarded to OWMC.

	PI1N/LF4N	PI13N/LF4N
Nearest Fire Stations	• Central Fire Station Approximately 6km (LF4N) Approximately 7km (PI1N) • Fire Station #3 Approximately 3.75km (PI1N) Approximately 3km (LF4N)	• Central Fire Station Approximately 6km (LF4N) Approximately 7.75km (PI13N) • Fire Station #3 Approximately 5.75km (PI13N) Approximately 3km (LF4N)
Nearest Police Stations	• OPP Station Approximately 6.5km (PI1N) Approximately 5.75km (LF4N) • Halton Regional Police No information available	• OPP Station Approximately 7.75km (PI13N) Approximately 5.75km (LF4N) • Halton Regional Police No information available
Nearest Hospital	• Milton District Hospital Approximately 2.5km (LF4N) Approximately 3.75 (PI1N)	• Milton District Hospital Approximately 2.5km (LF4N) Approximately 6.25km (PI13N)

COMPARATIVE EVALUATION OF SITING OPTIONS

The following comprises an inventory of emergency response facilities closest to the siting options. These data were collected by IER and forwarded to OWMC.

	LF1E	PI27E/LF1E
Nearest Fire Stations	• Welland Fire Station #4 (volunteer) Approximately 1.5km • Niagara Falls Fire Station #6 (volunteer) Approximately 1.5km	• Welland Fire Station #4 (volunteer) Approximately 4.00km (PI27E) Approximately 1.5km (LF1E) • Niagara Falls Fire Station #6 (Volunteer) Approximately 3.00km (PI27E) Approximately 1.5km (LF1E)
Nearest Police Stations	• Niagara Region Police (Welland) (3 division headquarters) Approximately 9.25km (LF1E) • OPP (Welland) Approximately 9.75km • Niagara Region Police (Niagara Falls) (2 division headquarters) Approximately 11.25km	• Niagara Region Police (Welland) (3 division headquarter) Approximately 11km (PI27E) Approximately 9.25km (LF1E) • OPP (Welland) Approximately 12km (PI27E) Approximately 9.75km (LF1E) • Niagara Region Police (Niagara Falls) (2 division headquarters) Approximately 8.5km (PI27E) Approximately 11.25km (LF1E)
Nearest Hospitals	• Welland County General Hospital Approximately 7.75km • Greater Niagara General Hospital Approximately 9.25km	• Welland County General Hospital Approximately 10.25km (PI27E) Approximately 7.75km (LF1E) • Greater Niagara General Hospital Approximately 6.50km (PI27E) Approximately 9.25km (LF1E)

COMPARATIVE EVALUATION OF SITING OPTIONS

The following comprises an inventory of emergency response facilities closest to the siting otpions. These data were collected by IER and forwarded to OWMC.

	LF3C	LF9C
Nearest Fire Stations	• Smithville Fire Station (volunteer) Approximately 9.75km • Dunnville Station #4 (volunteer) Approximately 10km	• Smithville Fire Station (volunteer) Approximately 9.5km Town of Pelham Fire Station #2 (volunteer) Approximately 7.25km
Nearest Police Stations	• Three Division Headquarters Approximately 21.5km • Haldimand Norfolk Regional Police Approximately 12km • Grimsby Detachment Approximately 19.25km	• Three Division Headquarters Approximately 16.5km • Haldimand Norfolk Regional Police Approximately 18.75 km (LF9C) • Niagara Regional Police, Grimsby Detachment Approximately 17km
Nearest Hospitals	• Haldimand War Memorial Hospital, Dunnville Approximately 12.25km • West Lincoln Memorial Hospital Grimsby Approximately 19.25km	• Welland County General Hospital Approximately 17km • West Lincoln Memorial Hospital Grimsby Approximately 17.5km

COMPARATIVE EVALUATION OF SITING OPTIONS

The following comprises an inventory of emergency response facilities closest to the siting options. These data were collected by IER and forwarded to OWMC.

	PI1N/LF2N	PI13N/LF2N
Nearest Fire Stations	• Proposed Fire Station #20 Adjacent to Site (LF2N) • Fire Station #9 Approximately 3.25km (LF2N) • Central Station Approximately 7km (PI1N) • Fire Station #3 Approximately 3.75km (PI1N)	• Proposed Fire Station #20 Adjacent to Site (LF2N) • Fire Station #9 Approximately 3.25km (LF2N) • Central Station Approximately 7.75km (PI13N) • Fire Station #3 Approximately 5.75km (PI27E)
Nearest Police Stations	• Peel Regional Police Headquarters Approximately 2.25km (LF2N) • OPP (Milton) Approximately 6.5km (PI1N) • Halton Regional Police No information available	• Peel Regional Police Headquarters Approximately 2.25km (LF2N) • OPP (Milton) Approximately 7.75km (PI13N) • Halton Regional Police No information available
Nearest Hospitals	• Peel Memorial Hospital, Brampton Approximately 6.25km (LF2N) • Milton District Hospital Approximately 3.50km (PI1N)	• Peel Memorial Hospital, Brampton Approximately 6.25km (LF2N) • Milton District Hospital Approximately 6.25km (PI13N)

APPENDIX D

ACCESS ROUTES: PRELIMINARY ANALYSIS AND COMPARATIVE EVALUATION

PRELIMINARY ANALYSIS OF ACCESS ROUTE OPTIONS

PRELIMINARY ANALYSIS OF ACCESS ROUTE OPTIONS
KEY TO ACCESS ROUTE OPTIONS

To PI1N

(1) from 401 - south on Fourth Line; west on Britannia Road to PI1N

(2)* from 401 - south on Fourth Line; west on Derry Road; south on Highway 25 to PI1N

To LF4N

(1) from 401 - south on Fourth Line; west on Britannia Road to LF4N

(2)* from 401 - south on Fourth Line; west on Derry Road; south on Highway 25; west on Britannia Road to LF4N

To PI13N

(1) from 401 - south on Fourth Line; east on Britannia Road; south on Fifth Line to PI13N

(2)* from 401 - south on Fourth Line; east on Derry Road; south on Fifth Line to PI13N

(3)* from 401 - south on Trafalgar Road; west on Britannia Road; south on Fifth Line to PI13N

To LF3C

(1) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; south on Regional Road 27; west on Elcho Road to LF3C

(2)* from QEW - south on Regional Road 18 (Beamsville Road); west on Regional Road 69 (Twenty Mile Road); south on Regional Road 569; south on Highway 20; south on Regional Road 27; west on Elcho Road to LF3C

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* Options eliminated in preliminary analysis, as determined by the site selection team. In cases where elimination left only one access route option, this option became the preferred route in the comparative evaluation of siting options. In cases where elimination left more than one access route option, those remaining options underwent comparative evaluation prior to selection of a preferred route for comparison of the siting options.

(3)* from QEW - south on Regional Road 14; south on Regional Road 714; east on Regional Road 73; south on Regional Road 14; south on Regional Road 16 to LF3C

(4)* from QEW - south on Regional Road 18 (Beamsville Road); west on Regional Road 69 (Twenty Mile Road); south on Highway 20; south on Regional Road 27; west on Elcho Road to LF3C

(5)* from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; west on Regional Road 65 from Bismark; south on Smithville Road to LF3C

(6) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; west on Regional Road 65 from Bismark; south on Krick Road to LF3C

To LF9C

(1) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20 to LF9C

(2)* from QEW - south on Regional Road 18 (Beamsville Road); west on Regional Road 69; south on Regional Road 569; south on Highway 20 to LF9C

(3)* from QEW - south on Regional Road 18 (Beamsville Road); west on Regional Road 69; south on Highway 20; east on Highway 20 to LF9C

To PI27E

(1) from QEW - west on Biggar Road (Regional Road 47) to PI27E

(2) from QEW - west on Biggar Road (Regional Road 47); north on Regional Road 98 (Montrose Road) to PI27E

To LF1E

(1) from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road to LF1E

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1. No options were eliminated during the preliminary analysis, pending site boundary refinement. Consideration of these options, therefore, was deferred until the comparative evaluation of access route options was undertaken.

(2)* from QEW - west on Biggar Road (Regional Road 47); south on Morris Road to LF1E

(3) from QEW - west on Biggar Road (Regional Road 47); south on Crowland Avenue to LF1E

(4) from QEW - west on Biggar Road (Regional Road 47); south on Montrose Road; west on Young Road to LF1E

(5) from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Schisler Road (Regional Road 27) to LF1E

PI1N to LF2N

(1) from PI1N - east on Britannia Road; north on Fourth Line; east on Highway 401; north on Highway 10 to LF2N

(2)* from PI1N - west on Britannia Road; north on Tremaine Road; east on Steeles Avenue; north on Highway 25; east on Highway 401; north on Highway 10 to LF2N

PI13N to LF2N

(1)* from PI13N - north on Fifth Line; east on Britannia Road; north on Trafalgar Road; east on Highway 401; north on Highway 10 to LF2N

(2) from PI13N - north on Fifth Line; west on Britannia Road; north on Fourth Line; east on Highway 401; north on Highway 10 to LF2N

(3)* from PI13N - north on Fifth Line; west on Derry Road; north on Fourth Line Road; east on Highway 401; north on Highway 10 to LF2N

(4)* from PI13N - north on Fifth Line; east on Britannia Road; north on Trafalgar Road; east on Derry Road to LF2N

PI27E to LF1E

(1) from PI27E - east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road to LF1E

(2)* from PI27E - west on Biggar Road (Regional Road 47); south on Morris Road to LF1E

(3) from PI27E - west on Biggar Road (Regional Road 47); south on Crowland Avenue to LF1E

(4) from PI27E - east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Young Road to LF1E

(5) from PI27E - east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Schisler Road (Regional Road 27) to LF1E

PRELIMINARY ACCESS ROUTE ANALYSIS
TO P11N
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2
Local Access Route		
Population Concentrations	None	None
Estimated Population	80	16
Community Features	1 - Century Farm	0
Recreation Features	0	0
Regional Access Route		
Population Concentrations	2 - Omagh^2 (30) - Boyne^2 (<25)	2 - Milton (29,591) - Boyne^2 (<25)
Estimated Population	55	279
Community and Recreation Features	4 - Boyne Community Centre and Park - Omagh Community Park - Omagh Presbyterian Church and Cemetery - Church of Christ and Cemetery	1 - St. Clair Masonic Temple and Cemetery
RANKING^3	1	2

PRELIMINARY ACCESS ROUTE ANALYSIS
TO LF4N
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2
Local Access Route		
Population Concentrations	None	None
Estimated Population	80	16
Community Features	1 - Century Farm	1 - Century Farm
Recreation Features	0	0
Regional Access Route		
Population Concentrations	2 - Omagh[2] (30) - Boyne[2] (<25)	2 - Milton (29,591) - Boyne (<25)
Estimated Population	70	282
Community and Recreation Features	4 - Church of Christ & Cemetery - Omagh Community Park and Cemetery - Omagh Presbyterian Church & Cemetery - Boyne Community Centre & Park	1 - St. Clair Masonic Temple
RANKING[3]	1	2

PRELIMINARY ACCESS ROUTE ANALYSIS
TO PI13N
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2	OPTION 3
Local Access Route			
Population Concentrations	None	None	None
Estimated Population	4	71	4
Community Features	1 - Century Farm	1 - Century Farm	0
Recreation Features	0	0	0
Regional Access Route			
Population Concentrations	1 - Omagh[2] (<25)	None	2 - Agerton[2] (<25) - Drumquin[2] (<25)
Estimated Population	52	39	173
Community and Recreation Features	0	0	5 - Drumquin Park - Percy W. Merry Public School - Bethel United Church & Cemetery - The Horse Place - Wyldewood Golf and Country Club
RANKING[3]	1	2	3

PRELIMINARY ACCESS ROUTE ANALYSIS
TO LF3C
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2	OPTION 3[1]
Local Access Route			
Population Concentrations	None	None	-
Estimated Population	84	84	-
Community Features	0	0	-
Recreation Features	0	0	-
Regional Access Route			
Population Concentrations	2 - Vineland (1,150) - Bismark (50)	3 - Beamsville (5,000) - St. Ann's (75) - Bismark (50)	2 - Grimsby (16,007) - Smithville (2,000)
Estimated Population	432	316	234
Community and Recreation Features	11 - Victoria Experimental Farm - Vineland United Church - Vineland Penetecostal Church - United Missionary Church - Pelham Union Women's Institute Centre - Indian Lake Campsite - Gainsborough Elementary School - Gainsborough Conservation Area - Gainsborough Centennial Hall - Balls Falls Conservation Area - Vineland Elementary School	8 - Albright Manor (Senior Citizen's Residence) - Beamsville District and Community Park and Pool - First Baptist Church and Cemetery - Lincoln County Jewish Congregation (Synagogue) - Bismark Kartway (closed) - Park/picnic shelter - Gainsborough Centennial Hall - Gainsborough Elementary School	18 - Shalom Manor (Home for the Aged) - Grimsby Detachment - Mountainview Christian - Niagara Region Road Maintenance Yard - Smithville Railway Stn. (possibly historic) - Post Office - Library - Firehall - Municipal Offices - South Lincoln High School - Cemetery - Conservation Club of West Lincoln - St. Luke's Anglican Church - Park Road United Church - New Apostolic Church - Canadian Reformed Church of Smithville - John Calvin School - Church of Christ
RANKING[3]	1	2	5

TO LF3C (cont'd)

FACTORS	OPTION 4	OPTION 5	OPTION 6
Local Access Route			
Population Concentrations	None	-	None
Estimated Population	84	-	88
Community Features	1 - Century Farm	-	0
Recreation Features	0	-	0
Regional Access Route			
Population Concentrations	3 - Beamsville^2 (5,000) - St. Ann's^2 (75) - Bismark^2 (50)	2 - Beamsville^2 (5,000) - Bismark^2 (50)	2 - Vineland (1,150) - Bismark (50)
Estimated Population	530	544	481
Community and Recreation Features	10 - First Baptist Church and Cemetery - St. Michael's Ukranian Catholic Church - Albright Manor (Seniors Residence) - Beamsville District and Community Park and Pool - Lincoln County Jewish Congregation (Synagogue) - Lincoln Fire Department - St. Ann's Community Church and Cemetery - Park/picnic shelter - Gainsborough Centennial Hall - Bismark Kartway (closed)	10 - First Baptist Church and Cemetery - St. Michael's Ukranian Catholic Church - Albright Manor (Seniors Residence) - Beamsville District and Community Park and Pool - Lincoln County Jewish Congregation (Synagogue) - Lincoln Fire Department - St. Ann's Community Church and Cemetery - Park/picnic shelter - Bismark United Church & Cemetery - Bismark Kartway (closed)	11 - Victoria Experimental Farm - Vineland United Church - Vineland Pentecostal Church - United Missionary Church - Pelham Union Women's Institute Centre - Indian Lake Campsite - Gainsborough Elementary School - Gainsborough Conservation Area - Bismark United Church & Cemetery - Balls Falls Conservation Area - Vineland Public School
RANKING^3	4	3	1

PRELIMINARY ACCESS ROUTE ANALYSIS
TO LF9C
STUDY AREA: ADJACENT

FACTORS	OPTION 1[1]	OPTION 2[1]	OPTION 3[1]
Local Access Route			
Population Concentrations	-	-	-
Estimated Population	-	-	-
Community Features	-	-	-
Recreation Features	-	-	-
Regional Access Route			
Population Concentrations	1 - Vineland (1,150)	3 - Beamsville (5,000) - St. Ann's (75) - Bismark (50)	2 - Beamsville (5,000) - Bismark (50)
Estimated Population	271	407	601
Community and Recreation Features	9 - Victoria Experimental Farm - Vineland United Church - Vineland Pentecostal Church - United Missionary Church - Balls Falls Conservation Area - Gainsborough Conservation Area - Pelham Union Women's Institute Centre - Indian Lake Campsite - Vineland Public School	11 - First Baptist Church and Cemetery - St. Michael's Ukranian Catholic Church - Albright Manor (Seniors Residence) - Beamsville District Community Park (and Pool) - Park/picnic shelter - Lincoln County Jewish Congregation (Synagogue) - Lincoln Fire Department - Beamsville School - St. Ann's Community Church and Cemetery - Bismark Kartway (closed) - Gainsborough Elementary School	11 - First Baptist Church & Cemetery - St. Michael's Ukranian Catholic Church - Albright Manor (Seniors Residence) - Beamsville District Community Park and Pool - Beamsville School - Lincoln County Jewish Congregation (Synagogue) - Lincoln Fire Department - St. Ann's Community Church and Cemetery - Bismark Kartway (closed) - Park/picnic shelter - Gainsborough Elementary School
RANKING[3]	1	2	3

PRELIMINARY ACCESS ROUTE ANALYSIS
TO PI27E*
STUDY AREA: ADJACENT

FACTORS	OPTION 1[1]	OPTION 2[1]
Local Access Route		
Population Concentrations	-	-
Estimated Population	-	-
Community Features	-	-
Recreation Features	-	-
Regional Access Route		
Population Concentrations	None	None
Estimated Population	3	3
Community and Recreation Features	0	0

* Neither of these options was eliminated during the preliminary analysis, pending site boundary refinement. Consideration of these options, therefore, was deferred until the comparative evaluation of access route options was undertaken.

PRELIMINARY ACCESS ROUTE ANALYSIS
TO LF1E
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2	OPTION 3
Local Access Route			
Population Concentrations	None	None	None
Estimated Population	23	17	17
Community Features	0	0	0
Recreation Features	0	0	0
Regional Access Route			
Population Concentrations	None	None	None
Estimated Population	12	25	11
Community and Recreation Features	1 - Arpad Hungarian Cultural Centre	0	0
RANKING[3]	2	3	1

TO LF1E (cont'd)

FACTORS	OPTION 4	OPTION 5
Local Access Route		
Population Concentrations	None	None
Estimated Population	14	14
Community Features	0	0
Recreation Features	0	0
Regional Access Route		
Population Concentrations	None	None
Estimated Population	20	51
Community and Recreation Features	1 - Arpad Hungarian Cultural Centre	4 - Arpad Hungarian Cultural Centre - Crowland Community Park - Lyons Creek United Church and Cemetery - Niagara Falls Fire Station No. 6
RANKING[3]	2	4

PRELIMINARY ACCESS ROUTE ANALYSIS
PI1N TO LF2N
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2[1]
Local Access Route		
Population Concentrations	None	None
Estimated Population	80	-
Community Features	1 - Century Farm	-
Recreation Features	0	-
Regional Access Route		
Population Concentrations	- Omagh[2] (30) - Boyne[2] (<25) - Derry West[2] (110)	2 - Milton (29,591) - Derry West[2] (110)
Estimated Population	183	207
Community and Recreation Features	5 - Boyne Community Centre & Park - Omagh Presbyterian Church and Cemetery - Omagh Community Park - Church of Christ and Cemetery - Hansa Haus	7 - Hansa Haus - Maplehurst Correctional Center Adult Training Centre - Unity Park - OPP Station - Milton Chamber of Commerce - Halton Hills Place and Banquet Hall - Century Farm
RANKING[3]	1	2

PRELIMINARY ACCESS ROUTE ANALYSIS
PI13N TO LF2N
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2	OPTION 3
Local Access Route			
Population Concentrations	None	None	None
Estimated Population	4	4	71
Community Features	0	1 - Century Farm	1 - Century Farm
Recreation Features	0	0	0
Regional Access Route			
Population Concentrations	3 - Agerton[2] (<25) - Drumquin[2] (<25) - Derry West[2] (110)	2 - Omagh[2] (<25) - Derry West[2] (110)	1 - Derry West[2] (110)
Estimated Population	247	52	39
Community and Recreation Features	6 - Hansa Haus - Drumquin Park - Percy W. Merry Public School - Bethel United Church & Cemetery - The Horse Place - Wyldewood Golf & Country Club	1 - Hansa Haus	1 - Hansa Haus
Ranking[3]	2	1	1

PI13N TO LF2N (cont'd)

FACTORS	OPTION 4
Local Access Route	
Population Concentrations	None
Estimated Population	7
Community Features	0
Recreation Features	0
Regional Access Route	
Population Concentrations	4 - Derry West[2] (110) - Drumquin[2] (<25) - Meadowvale West (27,760) - Meadowvale Village (230)
Estimated Population	434
Community and Recreation Features	17 - Drumquin Park - Percy W. Merry Public School - Wyldewood Golf and Country Club - Bethel United Church & Cemetery - The Horse Place - Derry West Cemetery - Derrydale Golf Course - St. Ilija Macedonian Orthodox Church & Community Centre (proposed) - Greek Orthodox Community of Mississauga and District Church (proposed) - Meadowvale Public School - Meadowvale Village Church - Meadowvale Post Office - Credit Valley Conservation Authority Administration Office - Syntex Green Park - Glen Eden Park - Fire Station 11 Mississauga - Cemetery
RANKING[3]	3

PRELIMINARY ACCESS ROUTE ANALYSIS
PI27E TO LF1E
STUDY AREA: ADJACENT

FACTORS	OPTION 1	OPTION 2	OPTION 3
Local Access Route			
Population Concentrations	None	None	None
Estimated Population	22	17	17
Community Features	0	0	0
Recreation Features	0	0	0
Regional Access Route			
Population Concentrations	None	None	None
Estimated Population	6	14	8
Community and Recreation Features	1 - Arpad Hungarian Cultural Centre	0	0
RANKING[3]	2	2	1

PI27E TO LF1E (cont'd)

FACTORS	OPTION 4	OPTION 5
Local Access Route		
Population Concentrations	None	None
Estimated Population	17	2
Community Features	0	0
Recreation Features	0	0
Regional Access Route		
Population Concentrations	None	None
Estimated Population	11	36
Community and Recreation Features	1 - Arpad Hungarian Cultural Centre	4 - Arpad Hungarian Cultural Centre - Crowland Community Park - Lyons Creek United Church & Cemetery - Niagara Falls Fire Station #6
RANKING[3]	2	3

NOTES:

1) No local access route.

2) The estimated population includes portions of the population in the population concentration(s) as noted.

3) A ranking of 1 indicates the preferred access route option. The higher the ranking number, the less preferred the access route option.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS

Comparative Evaluation of Access Route Options

Key to Access Route Options

To LF3C

(1) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; south on Regional Road 27; west on Elcho Road to LF3C

(2)* from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; west on Regional Road 65 from Bismarck; south on Krick Road to LF3C

To PI27E

(1)* from QEW - west on Biggar Road (Regional Road 47) to PI27E

(2) from QEW - west on Biggar Road (Regional Road 47); north on Regional Road 98 (Montrose Road) to PI27E

To LF1E

(1) from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road to LF1E

(2) from QEW - west on Biggar Road; south on Crowland Avenue to LF1E

(3)[a] from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Young Road to LF1E

(4)[a] from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Schisler Road (Regional Road 27) to LF1E

(5)[b]* from QEW - west on Biggar Road (Regional Road 47); south on Crowland Avenue; west on Carl Road to LF1E

(6)[b] from QEW - west on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road; south on Crowland Avenue to LF1E

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* Preferred access routes, as determined by the site selection team, for the comparative evaluation of siting options.

a. Options eliminated following site boundary refinement for LF1E.

b. Additional options identified following site boundary refinement for LF1E.

PI27E to LF1E

(1) east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road to LF1E

(2) west on Biggar Road (Regional Road 47); south on Crowland Avenue to LF1E

(3)[a] east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Young Road to LF1E

(4)[a] east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Schisler Road (Regional Road 27) to LF1E

(5)[b]* west on Biggar Road (Regional Road 47); south on Crowland Avenue; west on Carl Road to LF1E

(6)[b] east on Biggar Road (Regional Road 47); south on Regional Road 98 (Montrose Road); west on Carl Road; south on Crowland Avenue to LF1E

PI1N to LF4N[c]

(1)* north on First Line; west on Britannia Road to LF4N

(2) north on Highway 25; west on Britannia Road to LF4N

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* Preferred access routes, as determined by the site selection team, for the comparative evaluation of siting options.

a. Options eliminated following site boundary refinement for LF1E.

b. Additional options identified following site boundary refinement for LF1E.

c. Option (1) was identified following site boundary refinement for PI1N to avoid Boyne. Option (2) is the preferred route from Phase 3B with the link "north on Highway 25" added following site boundary refinement for PI1N.

Notes

The following tables include data on the "number and size of population concentrations" along access routes, which was collected by IER and provided only as inputs to transportation risk-related factors. Data on the "number of residents" and the "number and characteristics of community and recreation features" was used in the social analysis and provided as inputs to the transportation risk assessment. Information on the "number of school buses and pupils on buses" was reviewed but did not prove useful to the social analysis since all access route options within individual municipalities displayed similar characteristics.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 1	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	Vineland (1,150) Bismark (50)	Vineland (1,150) Bismark (50)
Number of Residents	1,036	1,717
Number and Characteristics of Community and Recreation Features	Indian Lake Campground - 200 campsites - season - May to October - peak use - July and weekends - 1300 users during July; 31% children - 40% users retired couples Pelham Union Women's Institute Centre - used for various community activities - 30 users during peak use - peak use - spring & fall; evenings Vineland Missionary Church - 250 - 300 members - 4 Sunday services - regular community use - evening and weekend use Vineland Pentecostal Church - no information available Vineland Public School - Kindergarten to Grade 8 - 343 pupils - September through June, daily	Rittenhouse Branch Library - 100 users per week - 50% users seniors; 10% children - Monday to Saturday, year-round Victoria Tennis Club - 200 members - 175 users per week - 4% users seniors; 42% children and teens - daily, April to October Vineland Women's Institute Hall - 42 members - used for various community activities and regular Institute meetings Vineland Co-op Nursery School - 18 pupils; 2 1/2 to 5 years of age - weekday mornings, September to June

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 1 ADJACENT	800 METRE STUDY AREA
	Vineland United Church - 164 member families - Sunday and mid-week evening services - regular community use - weekend, weekday and evening use Balls Falls Conservation Area - 14,000/year - average day - 250 users - 20% users seniors; 50% children - year-round use Victoria Experimental Farm - annual open house attracts over 2,000 visitors - 50-60 tours per year for school groups and senior citizens - park setting used frequently for wedding photographs, on weekends Vineland Station Post Office - 200 users per day - Monday to Saturday, year-round Damastra Farms - horse riding/lessons/boarding - 50-75 lessons weekly, plus pleasure riding - 50 students/week; 25-35 are children - weekday, evening and weekend use year-round	United Mennonite Home for the Aged - 74 beds - 24 hours per day 7 days per week - year-round Vineland United Mennonite Church - 570 members - Sunday morning and evening services - average attendance - 350 - regular community use - evening and weekend use Mennonite Brethren Church - 268 members - Sunday morning and evening services; Sunday School - regular community use - evening and weekend use Vineland Mennonite Church - 50 members - one Sunday service; Sunday School - average attendance - 35 - regular community use - weekend and evening use Vineland Cemetery - in use Vineland Post Office - 500 users per day - Monday to Saturday, year-round

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 1	
INDICATOR	ADJACENT	800 METRE STUDY AREA
	Gryphon Aviation Inc. - flying school and recreational flying - 20 members - in use May to October - peak time: summer weekends	Bismark United Church - 85 members - Sunday services; Sunday School - 50% users are children - occasional community use - evening and weekend use
	Pelham Roadways Yard - no direct users - daily, year-round operations	Bismark United Church Cemetery - in use
	Gainsborough Conservation Area - wildlife area and central workshop for Conservation Authority	Vineland Fire Hall - volunteer
	Gainsborough Elementary School - Kindergarten to Grade 8 - 376 students (1983) - September to June, daily	
	West Lincoln Co-Op Nursery School - 15 pupils - 2-4 years of age - capacity 17 - mornings	
	Gainsborough Centennial Hall - irregular use - occasional meetings	
	Trailer Park - (proposed) - recreational, seasonal use - no other information available	
	Heritage Village - (proposed) - retirement development	
Number of School Buses and Pupils on Buses	- 42 buses - 1,331 pupils - minimum of 525 elementary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 2	
	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	Vineland (1,150) Bismark (50)	Vineland (1,150) Bismark (50)
Number of Residents	994	1,678
Number and Characteristics of Community and Recreation Features	Indian Lake Campground - 200 campsites - season - May to October - peak use - July and weekends - 1300 users during July; 31% children - 40% users retired couples Pelham Union Women's Institute Centre - used for various community activities - 30 users during peak use - peak use - spring & fall; evenings Vineland Missionary Church - 250 - 300 members - 4 Sunday services - regular community use - evening and weekend use Vineland Pentecostal Church - no information available Vineland Public School - Kindergarten to Grade 8 - 343 pupils - September through June, daily	Rittenhouse Branch Library - 100 users per week - 50% users seniors; 10% children - Monday to Saturday, year-round Victoria Tennis Club - 200 members - 175 users per week - 4% users seniors; 42% children and teens - daily, April to October Vineland Women's Institute Hall - 42 members - used for various community activities and regular Institute meetings Vineland Co-op Nursery School - 18 pupils; 2 1/2 to 5 years of age - weekday mornings, September to June

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
	Vineland United Church - 164 member families - Sunday and mid-week evening services - regular community use - weekend, weekday and evening use	United Mennonite Home for the Aged - 74 beds - 24 hours per day 7 days per week - year-round
	Balls Falls Conservation Area - 14,000/year - average day - 250 users - 20% users seniors; 50% children - year-round use	Vineland United Mennonite Church - 570 members - Sunday morning and evening services - average attendance - 350 - regular community use - evening and weekend use
	Victoria Experimental Farm - annual open house attracts over 2,000 visitors - 50-60 tours per year for school groups and senior citizens - park setting used frequently for wedding photographs, on weekends	Mennonite Brethren Church - 268 members - Sunday morning and evening services; Sunday School - regular community use - evening and weekend use
	Vineland Station Post Office - 200 users per day - Monday to Saturday, year-round	Vineland Mennonite Church - 50 members - one Sunday service; Sunday School - average attendance - 35 - regular community use - weekend and evening use
	Damastra Farms - horse riding/lessons/boarding - 50-75 lessons weekly, plus pleasure riding - 50 students/week; 25-35 are children - weekday, evening and weekend use year-round	Vineland Cemetery - In use
		Vineland Post Office - 500 users per day - Monday to Saturday, year-round

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 2	
	ADJACENT	800 METRE STUDY AREA
	Gryphon Aviation Inc. - flying school and recreational flying - 20 members - in use May to October - peak time: summer weekends	Elcho United Church - 30 members - one Sunday Service; Sunday School - adjoining hall serves 300 as community centre - weekend and use at other times, as needed
	Pelham Roadways Yard - no direct users - daily, year-round operations	Elcho United Church Cemetery - in use
	Gainsborough Conservation Area - wildlife area and central workshop for Conservation Authority	Vineland Fire Hall - volunteer
	Gainsborough Elementary School - Kindergarten to Grade 8 - 376 students (1983) - September to June, daily	
	Bismark United Church - 85 members - 50% users are children - occasional community use	
	Bismark United Church Cemetery - in use	
	West Lincoln Co-Op Nursery School - 15 pupils - 2-4 years of age - capacity 17 - mornings	

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
	Heritage Village - (Proposed) - Retirement development Trailer Park - (proposed) - recreational, seasonal use - no other information available	
Number of School Buses and Pupils on Buses	- 42 buses - 1,331 pupils - Minimium of 525 elementary pupils	- Not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO PI27E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION I	
	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	6	37
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 1 bus - minimum of 10 pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
TO PI27E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	0	42
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 3 buses - 125 pupils (elementary 45)	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 1 ADJACENT	 800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	28	59
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 7 buses - 265 pupils - minimum of 75 primary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	45	62
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last yea	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 7 buses - 265 pupils - minimum of 75 primary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 3*	
	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	28	76
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 member users - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner/dances - 150-160 users at peak - membership and activity decreased in last year	Crowland Community Park - 1,400 regular users - average 16 per day - 50% children - 150 users at peak - weekday and weekend use Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 6 buses - 75 pupils - 35 elementary pupils	- not applicable

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* Option 3 was eliminated following site boundary refinement for LF1E since it no longer provided suitable access.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 4*	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	36	123
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% users are seniors - 40% users are children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year Crowland Community Park - 1,400 regular users, average 16 per day - 50% children - 150 users at peak - weekday and weekend use Lyons Creek United Church - 52 members - one Sunday service - average attendance 36 - hall adjoining church used 1-2 times/ 2 month period, and as needed	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use Rolling Meadows Golf and Country Club - 150-160 members + green fee players - users include sniors - weekday and weekend use McCredie Cemetery - one stone

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* Option 4 was eliminated following site boundary refinement for LF1E since it no longer provided suitable access.

TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 4*	
INDICATOR	ADJACENT	800 METRE STUDY AREA
	Lyons Creek United Church Cemetery - historic - in use Niagara Falls Fire Station #6 - volunteer	
Number of School Buses and Pupils on Buses	- 8 buses - 85 pupils - minimum of 35 elementary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 5*	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	45	59
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 40% children - 20% seniors - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 1 bus - minimum of 55 students	- not applicable

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* Option 5 was added following site boundary refinement for LF1E

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 6* ADJACENT	OPTION 6* 800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	28	56
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 40% children - 20% seniors - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 1 bus - minimum of 55 students	- not applicable

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* Option 6 was added after site boundary refinement for LF1E.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 1	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	34	20
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% users are seniors - 40% users are children - 4-5 users per weekend - dinner dances; choir and dance practices - 150-160 users at peak times - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 6 buses - minimum of 260 pupils - no breakdown on elementary and secondary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	9	26
Number and Characteristics of Community and Recreation Features	- no features adjacent	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year
Number of School Buses and Pupils on Buses	- 1 bus - minimum of 10 pupils - no breakdown on elementary and secondary pupils	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruptions of Operations

	OPTION 3*	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	28	45
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% users are seniors, 40% children - 4-5 users per weekend - dinner dances; choir and dance practices - 150-160 users at peak times - membership and activity decreased in last year	Crowland Community Park - 1,400 regular users - Average 16 users per day - 50% users are children - 150 users at peak - weekday and weekend use Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 6 buses - minimum of 155 pupils - no breakdown on elementary and secondary pupils	- not applicable

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* Option 3 was eliminated following site boundary refinement for LF1E since it no longer provided suitable access.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 4*	
	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	36	92
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users per weekend - dinner dances; choir and dance practices - 150-160 users at peak times - membership and activity decreased in last year Crowland Community Park - 1,400 regular users, average 16 per day - 50% users are children - 150 users at peak - weekday and weekend use Lyons Creek United Church - 52 members - one Sunday service - average attendance - 36 - hall adjoining church used 1-2 times/ 2 month period, and as needed	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone Rolling Meadows Golf and Country Club - 150-160 members + green fee players - users include sniors - weekday and weekend use

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* Option 4 was eliminated following site boundary refinement for LF1E since it no longer provided suitable access.

PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 4	
	ADJACENT	800 METRE STUDY AREA
	Lyons Creek United Church Cemetery - historic - in use	
	Niagara Falls Fire Department #6 - volunteer	
Number of School Buses and Pupils on Buses	- 8 buses - minimum of 275 pupils - no breakdown on elementary and secondary students	- not applicable

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 5* ADJACENT	 800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	3	36
Number and Characteristics of Community and Recreation Features	- no features adjacent	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year
Number of School Buses and Pupils on Buses	- 2 buses - minimum of 20 pupils - no breakdown on elementary and secondary pupils	- not applicable

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* Option 5 was added following site boundary refinement for LF1E.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 6*	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	28	28
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% users are seniors - 40% users are children - 4-5 users per weekend - dinner dances; choir and dance practices - 150-160 users at peak times - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Number of School Buses and Pupils on Buses	- 6 buses - minimum of 260 pupils - no breakdown on elementary and secondary pupils	- not applicable

---

* Option 6 was added following site boundary refinement for LF1E.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI1N TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	OPTION 1*	
	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	- no population concentrations	- no population concentrations
Number of Residents	3	32
Number and Characteristics of Community and Recreation Features	Hunterbrook Farms - riding - no other information available	- no features in study area
Number of School Buses and Pupils on Buses	- 7 buses - total number of pupils - 350 - elementary school pupils - 0	- not applicable

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* Option 1 was identified following site boundary refinement for PI1N to avoid Boyne, which Option 2 (the preferred route from Phase 3B) passes through.

COMPARATIVE EVALUATION OF ACCESS ROUTE OPTIONS
PI1N TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	OPTION 2	
INDICATOR	ADJACENT	800 METRE STUDY AREA
Number and Size of Population Concentrations	Boyne (<25)	Boyne (<25)
Number of Residents	32	54
Number and Characteristics of Community and Recreation Features	Hunterbrook Farms - riding - no other information available	Boyne Community Centre - total users - 1,340 (June 1984) - 335 users per week - user age groups not specified - evening and weekend use Boyne Community Park - total users - 1,125 (June 1984) - 250 per week for organized sports - users include children - evening and weekend use Croatian Club Karlovac (Proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use - cultural club; summer picnics with about 500 users per event; meetings
Number of School Buses and Pupils on Buses	- 14 buses - total number of pupils - 683 - elementary school pupils - 33	- not applicable

APPENDIX E

DATA APPLIED IN COMPARATIVE EVALUATION OF SITING OPTIONS

DATA APPLIED
IN COMPARATIVE EVALUATION OF SITING OPTIONS

The tables displaying data for the siting options are presented as follows:

Study Area: Site

- *Impacts on Residents: Displacement*
- *Impacts on Community and Recreation Features: Displacement*

Study Area: Adjacent to Site

- *Impacts on Residents: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property*
- *Impacts on Community and Recreation Features: Disruption of Operations*

Study Area: Site Vicinity

- *Impacts on Residents: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property*
- *Impacts on Community and Recreation Features: Disruption of Operations*

Study Area: Adjacent to Access Route

- *Impacts on Residents: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property*
- *Impacts on Community and Recreation Features: Disruption of Operations*

Study Area: Access Route Vicinity

- *Impacts on Residents: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property*
- *Impacts on Community and Recreation Features: Disruption of Operations*

Study Area: Community and Region

- *Impacts on Community and Region: Social Stability*
- *Impacts on Community and Region: Social Cohesion*
- *Impacts on Community and Region: Community Character*

Study Area: Access Route

- *Impact Indices*

Notes

- *The tables include data for siting options PI1N/LF2N and PI13N/LF2N which were screened from the analysis prior to the comparative evaluation of siting options. These two siting options, therefore, were excluded from any subsequent data refinements that were required for the evaluation.*

- *The tables summarize and highlight detailed information, gathered through agency contacts, on the characteristics of community and recreation features. Feature characteristics assisted in the determination of their significance with respect to displacement, their sensitivity with respect to facility operations, or their possible contribution to the maintenance of social cohesion.*

STUDY AREA: SITE

- *Impacts on Residents: Displacement*
- *Impacts on Community and Recreation Features: Displacement*

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Residents
FACTOR: Displacement

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Residents Displaced[1]	29	9	43	42	34	31	28	25
Characteristics of Those Displaced[2]								
- # of residents >65 years of age	1	1	4	7	2	1	6	5
- # of full-time farm households	0	2	3	3	0	2	0	2
- % of owned dwellings	67	100	93	92	89	62	75	43
- # of children 5-13 years of age	7	0	5	4	3	6	1	4
- # of housewives	1	0	2	4	1	1	4	4
Attachment to Place of Those Displaced[2]								
- # of households at current address >20 years	1	2	6	4	3	2	4	4
- # of households in municipality >20 years	3	2	10	10	3	3	5	5
- # of households with ancestors previously owning property	1	0	4	4	3	3	2	2
- # of households with ancestors in municipality	2	0	6	8	2	2	2	2
- # of friends in area	5	3	35	32	11	14	11	14
- # of relatives in area	10	1	32	38	1	7	4	10

1. Number of residents in households responding to resident survey and estimated number of residents in non-responding households.
2. All data taken from survey of residents on-site.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Displacement

INDICATOR[1]	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Features Displaced	0	0	0	0	2	2	4	4
No. of Significant Features Displaced	0	0	0	0	2	1	2	1

---

1. Information used to operationalize indicators follows on pages E.5 to E.8.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Displacement

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Characteristics of Community and Recreation Features		
Glenorchy Conservation Area (Proposed)		• Initially proposed 1958 • Re-activated 1985
Historic Buildings (S)	• 2 rated over 30 • includes 1 designated	• 1 rated over 30 • 0 designated
Total Features	2	2
Significant Features[1]	2	1

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1. Includes only those possessing significant heritage value, as assessed by Historica Research Limited; denoted by (s).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Displacement

INDICATOR	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features	• None	• None

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Displacement

INDICATOR	LF3C	LF9C
Number and Characteristics of Community and Recreation Features	• None	• None

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Displacement

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features		
Region of Peel Public Works Yard No. 2	● no direct users ● daily operations	● see PI1N/LF2N
Pony Rides	● no information available	● see PI1N/LF2N
Glenorchy Conservation Area (Proposed)		● initially proposed 1958 ● re-activated 1985
Historic Buildings (S)	● 2 rated over 30 ● includes 1 designated	● 1 rated over 30 ● 0 designated
Total Features	4	4
Significant Features[1]	2	1

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[1] Includes only those possessing significant heritage value, as assessed by Historica Research Limited; denoted by (S).

STUDY AREA: ADJACENT TO SITE

- *Impacts on Residents:*
  Disruption of Day-to-Day Activities
  and/or the Use and Enjoyment of Property

- *Impacts on Community and Recreation Features:*
  Disruption of Operations

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Residents Spending Most Time on Properties Adjacent to Site[1]	23	15	6	11	23	28	13	18
No. of Residents Adjacent to Site[2]	48	40	31	42	88	95	85	92

1. Included in this group are pre-school children (those under 5 years of age), farmers, retirees (those over 65 years of age), housewives and all others who work at home, as provided by respondents to the survey of residents.
2. Number of residents in households responding to the survey of residents and estimated number of residents in non-responding households.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR[1]	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Sensitive Features Adjacent to Site	0	0	0	0	0	0	1	1
No. of Features Adjacent to Site	0	0	0	2	1	2	3	4

---

[1] Does not include heritage features; includes proposed features currently under development or judged likely to occur. Information used to operationalize indicators follows on pages E.11 to E.14

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Characteristics of Community and Recreation Features		
Hunterbrook Farms	• riding • no other information available	
S.O.M. Club		• Spirit of Movement • weekend health and fitness retreat • operates 8 - 10 weekends per year
Glenorchy Conservation Area (proposed)		• initially proposed 1958 • re-activated 1985
Total Features	1	2
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features		
Arpad Hungarian Cultural Centre	● None	● 48-55 members ● users include: 20% seniors; 40% children ● 4-5 users per weekend ● choir and dance practices; dinner-dances ● 150-160 users at peak ● membership and activity decreased in last year
Grassybrook Park		● camps, weekend usage, day outings ● total regular users - 3,500 yearly ● 2,068 Boy Scouts per year ● 75% of users are children ● daily and weekend use
Total Features	0	2
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C
Number and Characteristics of Community and Recreation Features		
	• None	• None

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO SITE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features		
German Canadian Club Hansa (S)	• 250 members • users comprise all age groups • Evenings and weekend use	• see PI1N/LF2N
Hunterbrook Farms	• riding • no other information available	
Mississauga Fire Station (Proposed)	• location tentative • part of 10 year plan	• see PI1N/LF2N
S.O.M. Club		• Spirit of Movement • weekend health and fitness retreat • operates 8 - 10 weeks per year
Glenorchy Conservation Area (Proposed)		• initially proposed 1958 • re-activated 1985
Total Features	3	4
Sensitive Features[1]	1	1

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

STUDY AREA: SITE VICINITY

- *Impacts on Residents: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property*

- *Impacts on Community and Recreation Features: Disruption of Operations*

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Residents Spending Most Time on Properties Within 55dBA Noise Impact Zone[1]	6	25	6*	9	9	9	8	8
No. of Residents Within Noise Impact Zone[2]								
- 55dBA	34	88	21*	37	55	55	54	54
- 50dBA	0	9	4	7	15	6	46	43
Visual Intrusion[3]								
- # of households within foreground[4]	16	28	11	15	43	54	45	56
- # of households within middleground[5]	42	48	35	37	131	123	69	61
No. of Residents Within Site Vicinity[6]	765	272	737	850	759	959	509	685

* May be underestimated since no new noise contours were available based on revised site boundaries.

[1] Includes preschoolers (those under 5 years of age), retirees (those over 65 years of age), farmers, housewives and all others who work at home, as provided by respondents to the survey of residents.

[2] Estimate based on number of dwellings within noise impact zone multiplied by enumeration area "average household size" from the 1981 Census.

[3] As provided by EDA Collaborative Inc.

[4] Foreground: 0-0.8km from the facility.

[5] Middleground: 0.8-2.0km from the facility.

[6] Includes all residents in households responding to the survey of residents and an estimate for those in non-responding households.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR[1]	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Sensitive Features Within Noise Impact Zone	2	0	0	1	0	0	0	3
No of Features Within Noise Impact Zone	2	0	0	1	1	1	0	5
No. of Sensitive Features Within Site Vicinity	4	1	6	6	6	7	9	10
No. of Features Within Site Vicinity	6	2	14	20	16	16	21	21

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1. Does not include heritage features; includes proposed features currently under development or judged likely to occur. Information used to operationalize indicators follows on pages E.17 to E.31.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]				
	● Elcho United Church (S) ● Elcho United Church Cemetery (S)	● No features within noise impact zone	● No features within noise impact zone	● Arpad Hungarian Cultural Centre (S)
Total Features	2	0	0	1
Sensitive Features[2]	2	0	0	1

1. See data tables for Impacts on Community and Recreation Features, adjacent to site and site vicinity study areas, for feature characteristics.
2. Includes those features with uses judged to conflict with noise; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]	● Hunterbrook Farms	● Glenorchy Conservation Area (proposed)	o No features within noise impact zone	● Glenorchy Conservation Area (proposed) ● German Canadian Club Hansa (S) ● Derrydale Golf Course (S) ● Derry West Cemetery ● Sixteen Valley Conservation Area (S)
Total Features	1	1	0	5
Sensitive Features[2]	0	0	0	3

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1. See data tables for Impacts on Community and Recreation Features, adjacent to site and site vicinity study areas, for feature characteristics.
2. Includes those features with uses judged to conflict with noise; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Characteristics of Community and Recreation Features		
Campbell Davidson Cemetery	• not in use	• see PI1N/LF4N
Milton District Hospital (S)	• 83 beds - 48,750 users of out-patients facilities per year • 24 hour operation • 83% occupancy • expansion planned	• see PI1N/LF4N
Kovachik Aircraft Service/ Burlington Air Park	• flying school • 80-100 students • user age groups not specified • weekdays and weekends in use	• see PI1N/LF4N
Hunterbrook Farms	• riding • No other information available	• see PI1N/LF4N
Boyne Community Centre (S)	• total users 1,340 (June 1984) • 335 per week • User age groups not specified • evening and weekend use	
Boyne Community Park (S)	• total users - 1,125 (June 1984) • 250 users per week for organized sports • users include children • evening and weekend use	

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
The Ranch	• trail riding • 100-125 users per week • users range from 8-50 years of age • daily and weekend use throughout year; special evening events	
St. Clair Masonic Temple	• 75 regular users - adults • weekends and unscheduled events	
St. Clair Masonic Cemetery	• infrequent use	
Pine Ridge Camp (S)	• 100 campers - 2 week periods from July 1-August 28; 450 over summer • users - 100% children • other periods open to public	
Fogolars Country Club	• No information available	
Omagh Presbyterian Church (S)	• 75 members • one Sunday service • average service attendance - 60 • 200 community users • children's programs - 4-5 afternoons per week • weekday, evening and weekend use	
Omagh Presbyterian Church Cemetery	• In use	
Henderson Park (S)	• No information available	

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
Croatian Club Karlovac (Proposed)	• property purchased November 1984 • proposed hall and associated buildings • intended use: cultural club; summer picnics with about 500 users per event; meetings	
Glenorchy Conservation Area (Proposed)	• initially proposed 1958 • re-activated 1985	• see PI1N/LF4N
Omagh Community Park (S)		• 80-100 users per evening baseball games in summer • users include children • evening and weekend use
Church of Christ (S)		• 1 Sunday service • 50 parishioners • 10% children and elderly • no other community use
Church of Christ Cemetery		• in use
Drumquin Park (S)		• 1,600 users per week; 400 BMX racers (4-55 years of age) + spectators • also used by pupils from Percy W. Merry Public School • weekday, evening and weekend use

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
Percy W. Merry Public School (S)		• enrolment - 144 • Kindergarten to Grade 6 • daily use, September through June • no community use
Bethel United Church (S)		• 120 members; • one Sunday service • average attendance 70-80 • regular community use • evening and weekend use
Bethel United Cemetery		• in use
Wyldewood Golf & Country Club		• 800 members • users include seniors • day, evening and weekend use
The Horse Place		• 250 users per week • 30-40 users per day • 50% of users are under 16 years of age • weekday, evening and weekend use
Omagh Bible Camp (S)		• 80 campers per week and 40 other users on weekends • 70% of users are under 13 years of age • camp season July - August • used by public other times
Sixteen Valley Conservation Area		• 1,000 users per year • no other information available
Total Features	16	16
Sensitive Features[1]	6	7

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impact on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features		
Crowland Community Park (S)	• 1,400 regular users, average 16 per day • 50% of users are children • 150 users at peak • weekday and weekend use	• see LF1E
Rolling Meadows Golf and Country Club	• 150-160 members + green fee players • users include seniors • weekday and weekend use	• see LF1E
Lyons Creek United Church (S)	• 52 members • one Sunday service • average attendance - 36 • hall adjoining church used 1-2 times/ 2 month period, and as needed	• see LF1E
Lyons Creek United Church Cemetery	• historic • in use	• see LF1E
Cooks Mills Park (S)	• 100-125 children in day camp and sporting events, picnics • weekday and weekend use	• see LF1E
Cooks Mills Community Hall	• year-round use, 200 users per year • user age groups not specified	• see LF1E
Rose City Snow Seekers	• snowmobile club • no other information available	• see LF1E
Crowland Central Elementary School (S)	• 140-160 students • Kindergarten to Grade 8 • daily use - September-June - also community use of school and grounds	• see LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF1E	PI27E/LF1E
Kingoom Hall of Jehovah's Witness (S)	• 75 Minister members • average attendance - 85 • evening and weekend use	• see LF1E
Niagara Falls Fire Station #6	• volunteer	• see LF1E
Welland Fire Station #4	• volunteer	• see LF1E
Cooks Mills United Church (S)	• Sunday morning services • 60+ members • 52 average attendance • 100 regular community users • weekend and evening use	• see LF1E
Islamic Society of Niagara Falls Cemetery (Proposed)	• subject to approval	• see LF1E
Arpad Hungarian Cultural Centre	• soccer field, banquet hall • 48-55 members • users include 20% seniors, 40% children • 4-5 users/weekend • choir and dance practices; dinner-dances • 150-160 users at peak • membership and activity decreased in last year	
George Bukator Park		• opened October 84 - Natural Park • information on users not available • planned facilities include boardwalk, boat ramps, exercise trails, fishing Gazebo
Dell Cemetery		• either abandoned or used only by family
McCredie Cemetery		• one stone
Flying Club		• 19 members • year-round usage mainly summer • expansion planned

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF1E	PI27E/LF1E
Niagara Meadows Holiday Park		• 300 regular users • year-round use, mainly summer (250 per day)
Niagara Falls Art Gallery and Museum		• average 50 per day • 30% of users are over age 60 • daily, year-round use
Willo-Dell Golf and Country Club		• 450 members + 3,000 green fee players/season • 25% of users are over 60 years of age • 5% of users are under 20 years of age • weekday and weekend use
Total Features	14	20
Sensitive Features[1]	6	6

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C
Number and Characteristics of Community and Recreation Features		
Robert Land Military Academy (S)	• Boys private boarding school grades 6 through O.A.C. • 110 students • 7 days a week; 24 hours per day • September through June	
Camp Keewaytan (S)	• Summer camp for handicapped, emotionally disturbed and learning disabled youth • Ages 8 - 20 • 100 users annually • 7 days a week; 24 hours per day July through August	
Sensabaugh Cemetery	• In use	
Chippawa Creek Conservation Area (S)	• 32,000 users annually • user age groups not specified • camping • daily, year-round use	
Elcho United Church (S)	• 30 parishoners • one Sunday service; Sunday School • adjoining hall serves 300 as community centre • weekend and use at other times as needed	
Elcho United Church Cemetery	• in use	

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C
Silverdale Gun Club		• 1,000 members • 25% of users are over 60 years of age • Fall - peak period - 3,000 users over a 2-week period
Bethel Chapel (S)		• 2 Sunday services • 20 families • other activities one Sunday per month • weekend and evening use
Trailer Park (Proposed)*		• recreational, seasonal use • no other informaton available
Total Features	6	2
Sensitive Features[1]	4	1

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* Features not included in total for weighted comparison.

[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: SITE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features		
Derry West Cemetery	● abandoned/historic	● see PI1N/LF2N
Derrydale Golf Course	● 100 weekday members ● 275-300 users per day ● 10% of user are over 60 years of age ● weekday and weekend use	● see PI1N/LF2N
St. Ilija Macedonian Orthodox Church and Community Centre (Proposed) (S)	● proposed construction by end of 1986: picnic/sports area in use currently ● 1,000 participants per event ● grounds - seasonal, weekend use ● church - year-round use	● see PI1N/LF2N
Greek Orthodox Community of Mississauga and District Church and Community Centre (Proposed) (S)	● expected completion: 14-16 months - current temporary church ● 200-210 members	● see PI1N/LF2N
The Horse Centre	● no information available	● see PI1N/LF2N
Pan-Hellenic Canadian Community Centre (Proposed) (S)	● library, 3 classrooms, meeting rooms, banquet hall, church hall, administration offices fitness facilities, residential quarters, 6 study rooms	● see PI1N/LF2N
Designated Open Space/Parkland (Brampton)*	● no information available	● see PI1N/LF2N
Hindu Sabha Temple (S)	● no information available	● see PI1N/LF2N

* Features not included in total for weighted comparison.

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Recreation Facility (Proposed)*	● no information available	● see PI1N/LF2N
M.T.C. Highway District Patrol	● no direct users ● daily operations	● see PI1N/LF2N
Dunton Athletic Field	● 9 regular user groups ● evening and weekend use	● see PI1N/LF2N
Boyne Community Centre (S)	● total users 1,340 (June 1984) ● 334 users per week ● user age groups not specified ● evening and weekend use	
Boyne Community Park (S)	● total users - 1,125 (June 1984) ● 250 users per week for organized sports ● users include children ● evenings and weekend use	
St. Clair Masonic Temple	● 75 regular users - adults ● evening and weekend use ● unscheduled events	
St. Clair Masonic Cemetery	● infrequent use	
Pine Ridge Camp (S)	● 100 campers for 2 week periods from July 1 - August 28; 450 over summer ● users 100% children ● other periods open to public	
Fogolars Country Club	● no information available	
The Ranch	● trail riding ● 100-125 users per week ● users range from 8-50 years of age ● daily and weekend use throughout the year; special evening events	

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* Features not included in total for weighted comparison.

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Omagh Presbyterian Church (S)	• 75 members • one Sunday service • average service attendance - 60 • 200 community users • children's program 4-5 afternoons per week • weekday, evening and weekend use	
Omagh Presbyterian Church Cemetery	• in use	
Henderson Park (S)	• no information available	
Croatian Club Karlovac (Proposed)	• property purchased November 1984 • proposed hall and associated buildings • intended use: cultural club; summer picnics with about 500 users per event; meetings	
Glenorchy Conservation Area (Proposed)	• initially proposed 1958 • re-activated 1985	• see PI1N/LF2N
Church of Christ (S)		• 1 Sunday service • 50 parishioners • 10% children and elderly • no other community use
Church of Christ Cemetery		• in use
Omagh Community Park(S)		• 80-100 users per evening baseball games in summer • users include children • evening and weekend use
Drumquin Park (S)		• 1,600 users per week; 400 BMX racers (4-55 years of age) + spectators • also used by pupils from Percy W. Merry Public School • weekday, evening and weekend use

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Percy W. Merry Public School (S)		• enrolment - 144 • Kindergarten to Grade 6 daily use, September through June • no community use
Bethel United Church (S)		• 120 members • one Sunday service • average attendance 70-80 • regular community use • evening and weekend use
Bethel United Church Cemetery		• in use
Wyldewood Golf and Country Club		• 800 members • users include seniors • weekday, evening and weekend use
The Horse Place		• 250 users per week • 30-40 users per day • 50% of users are under age 16 • weekday, evening and weekend use
Omagh Bible Camp (S)		• 80 campers per week and 40 other users on weekends • 70% of users are under 13 years of age • camp season July, August • used by public at other times
Sixteen Valley Conservation Area		• 1,000 users per year • no other information available
Total Features	21	21
Sensitive features[1]	9	10

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1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

STUDY AREA: ADJACENT TO ACCESS ROUTE

- *Impacts on Residents:*
  Disruption of Day-to-Day Activities
  and/or the Use and Enjoyment of Property

- *Impacts on Community and Recreation Features:*
  Disruption of Operations

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO ACCESS ROUTE

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Residents Adjacent to Access Route[1]	993	775	17	9	435	481	472	497
Characteristics of Residents[2]								
- # 0-5 years of age	109	78	0	0	39	24	*	*
- # 6-15 years of age	119	85	0	0	74	67	*	*
- # 65+ years of age	129	116	3	2	26	29	*	*

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1. Includes residents in households responding to access route survey and estimate of residents in non-responding households.
2. Based on responses to resident survey along access routes. The percentage of residents in each age group, as reported by responding households was applied to the number of residents adjacent to the access route to estimate the number of residents in each age group.

* Not calculated due to screening of LF2N siting options.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT TO ACCESS ROUTE

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Sensitivite Features Adjacent to Access Route	9	6	0	0	7	7	7	7
No. of Features Adjacent to Access Route	18	14	1	1	16	16	16	16

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1. Does not include heritage features; includes proposed features currently under development or judged likely to occur. Information used to operationalize indicators is shown in the following section, Access Route Vicinity, on pages E.40 to E.73.

STUDY AREA: ACCESS ROUTE VICINITY

- *Impacts on Residents:*
  Disruption of Day-to-Day Activities
  and/or the Use and Enjoyment of Property
- *Impacts on Community and Recreation Features:*
  Disruption of Operations

COMAPRATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Residents Within Noise Impact Zone[1]	1,170	986	17	6	358	370	393	409
No. of Residents Within Access Route Vicinity[2]	1,794	1,716	60	60	295	347	253	314

1. Estimate based on number of dwellings within noise impact zone multiplied by municipal "average household size" from 1981 Census.
2. Estimate based on dwelling counts (supplied by Leon Kentridge Associates Ltd.) multiplied by municipal "average household size" from 1981 Census.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR[1]	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
No. of Sensitive Features Within Noise Impact Zone	11	7	1	1	14	14	16	16
No. of Features Within Noise Impact Zone	21	17	1	1	20	20	23	23
No. of Sensitive Features Within Access Route Vicinity	7	6	0	0	5	7	5	7
No. of Features Within Access Route Vicinity	13	11	2	2	12	15	16	19

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[1] Does not include heritage features; includes proposed features currently under development or judged likely to occur. Information used to operationalize indicators follows on pages E.36 to E.73

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]		
	● Boyne Community Centre (S)	● Boyne Community Centre (S)
	● Boyne Community Park (S)	● Boyne Community Park (S)
	● Omagh Community Park (S)	● Omagh Community Park (S)
	● Omagh Presbyterian Church (S)	● Omagh Presbyterian Church (S)
	● Omagh Presbyterian Church Cemetery (S)	● Omagh Presbyterian Church Cemetery (S)
	● Church of Christ (S)	● Church of Christ (S)
	● Church of Christ Cemetery (S)	● Church of Christ Cemetery (S)
	● Regional Municipality of Halton Offices	● Regional Municipality of Halton Offices
	● Bronte Creek Provincial Park (S)	● Bronte Creek Provincial Park (S)
	● Richview Golf and Country Club (S)	● Richview Golf and Country Club (S)
	● St. Joseph's Portuguese Parish (S)	● St. Joseph's Portuguese Parish (S)
	● M.T.C. Hamilton District Patrol #11	● M.T.C. Hamilton District Patrol #11
	● The Ranch	● The Ranch
	● Hunterbrook Farms	● Hunterbrook Farms
	● Saw-Whet Golf Course (S)	● Saw-Whet Golf Course (S)
	● Palermo United Church (S)	● Palermo United Church (S)
	● Palermo United Church Cemetery (S)	● Palermo United Church Cemetery (S)
	● Palermo Park (S)	● Palermo Park (S)
	● Shipp Corporation Development (proposed)	● Shipp Corporation Development (proposed)
	● Glenorchy Conservation Area (proposed)	● Glenorchy Conservation Area (proposed)
Total Features	20	20
Sensitive Features[2]	14	14

1. See data tables for Impacts on Community and Recreation features along access routes for feature characteristics.
2. Includes those features with uses judged to conflict with noise; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]		
	● Arpad Hungarian Cultural Centre (S)	● Arpad Hungarian Cultural Centre (S)
Total Features	1	1
Sensitive Features[2]	1	1

1. See data tables for Impacts on Community and Recreation Features along access routes for feature characteristics.
2. Includes those features with uses judged to conflict with noise; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	LF3C	LF9C
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]	● Indian Lake Campground (S) ● Pelham Union Women's Institute Centre ● Vineland Missionary Church (S) ● Vineland Pentecostal Church (S) ● Vineland Public School (S) ● Vineland United Church (S) ● Balls Falls Conservation Area (S) ● Victoria Experimental Farm ● Vineland Station Post Office ● Damastra Farms ● Gryphon Aviation Inc. ● Pelham Roadways Yard ● Gainsborough Conservation Area ● Gainsborough Elementary School (S) ● West Lincoln Co-op Nursery School (S) ● Rittenhouse Branch Library (S) ● Victoria Tennis Club ● Vineland Post Office ● Bismark United Church (S) ● Bismark United Church Cemetery (S) ● Heritage Village (proposed) ● Trailer Park (proposed)[2]	● Indian Lake Campground (S) ● Pelham Union Women's Institute Centre ● Vineland Missionary Church (S) ● Vineland Pentecostal Church (S) ● Vineland Public School (S) ● Vineland United Church (S) ● Balls Falls Conservation Area (S) ● Victoria Experimental Farm ● Vineland Station Post Office ● Damastra Farms ● Gryphon Aviation Inc. ● Pelham Roadways Yard ● Gainsborough Conservation Area ● Rittenhouse Branch Library (S) ● Victoria Tennis Club ● Vineland Post Office ● Heritage Village (proposed) ● Trailer Park (proposed)[2]
Total Features	21	17
Sensitive Features[3]	11	7

1. See data tables for Impacts on Community and Recreation Features along access routes for feature characteristics
2. Features not included in total for weighted comparison.
3. Includes those features with uses judged to conflict with noise; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ACCESS ROUTE VICINITY

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features Within Noise Impact Zone[1]		
	• Boyne Community Centre (S)	• Boyne Community Centre (S)
	• Boyne Community Park (S)	• Boyne Community Park (S)
	• Omagh Community Park (S)	• Omagh Community Park (S)
	• Omagh Presbyterian Church (S)	• Omagh Presbyterian Church (S)
	• Omagh Presbyterian Church Cemetery (S)	• Omagh Presbyterian Church Cemetery (S)
	• Church of Christ (S)	• Church of Christ (S)
	• Church of Christ Cemetery (S)	• Church of Christ Cemetery (S)
	• Regional Municipality of Halton Offices	• Regional Municipality of Halton Offices
	• Bronte Creek Provincial Park (S)	• Bronte Creek Provincial Park (S)
	• Richview Golf and Country Club (S)	• Richview Golf and Country Club (S)
	• St. Joseph's Portuguese Parish (S)	• St. Joseph's Portuguese Parish (S)
	• M.T.C. Hamilton District Patrol #11	• M.T.C. Hamilton District Patrol #11
	• The Ranch	• The Ranch
	• Saw-Whet Golf Course (S)	• Saw-Whet Golf Course (S)
	• Palermo United Church (S)	• Palermo United Church (S)
	• Palermo United Church Cemetery (S)	• Palermo United Church Cemetery (S)
	• Palermo Park (S)	• Palermo Park (S)
	• German Canadian Club Hansa (S)	• German Canadian Club Hansa (S)
	• Derry West Cemetery	• Derry West Cemetery
	• Derrydale Golf Course (S)	• Derrydale Golf Course (S)
	• City of Mississauga Fire Station (proposed)	• City of Mississauga Fire Station (proposed)
	• Glenorchy Conservation Area (proposed)	• Glenorchy Conservation Area (proposed)
	• Shipp Corporation Development (proposed)	• Shipp Corporation Development (proposed)
	• Recreation Facility (proposed)[2]	• Recreation Facility (proposed)[2]
Total Features	23	23
Sensitive Features[3]	16	16

1. See data tables for Impacts on Community and Recreation Features along access routes for feature characteristics.
2. Features not included in total for weighted comparison.
3. Includes those features with uses judged to conflict with noise; denoted by (S).

Comparative Evaluation of Siting Options

Key to Preferred Access Routes*

The key indicates five preferred access routes to siting options PI1N/LF4N, PI13N/LF4N, PI1N/LF2N and PI13N/LF2N. These include two routes to each PI site and each LF site from the designated 400 series highway, and one route linking the site pair. The data on community and recreation features are displayed in this format. In the comparative evaluation of siting options, however, all routes to a siting option were treated as a single package. The numeric values derived from the data, therefore, excluded any overlap that duplicated route segments produced. For example, features along the common portions of the access routes to PI1N and LF4N from the 401 and from the QEW were considered only once for the relevant indicators. Similarly, some portions of the route linking the two sites comprising a siting option were common to the above-noted routes. Features along these segments were also considered only once. When comparing these data to the totals applied in the numeric analysis, therefore, it is necessary to first eliminate any duplicated features. Access routes to PI1N, LF4N, PI13N and LF2N from the 400 series highways are the same each time these sites are included in a siting option. Data for these routes, therefore, are listed only once in the following tables.

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* As determined by the site selection team for inclusion in the Comparative Evaluation of Siting Options.

PI1N/LF4N

To PI1N

(1) from 401 - south on Fourth Line; west on Britannia Road; south on Highway 25 to PI1N[1]

(2) from QEW - north on Highway 25 to PI1N[2]

To LF4N

(1) from 401 - south on Fourth Line; west on Britannia Road to LF4N[1]

(2) from QEW - north on Highway 25; west on Britannia Road to LF4N[2]

PI1N to LF4N

(1) north on First Line; west on Britannia Road to LF4N[3]

PI13N/LF4N

To PI13N

(1) from 401 - south on Fourth Line; east on Britannia Road; south on Fifth Line to PI13N[1]

(2) from QEW - north on Highway 25 (Bronte Road); east on Britannia Road; south on Fifth Line to PI13N[2]

To LF4N

(1) from 401 - south on Fourth Line; west on Britannia Road to LF4N[1]

(2) from QEW - north on Highway 25; west on Britannia Road LF4N[2]

PI13N to LF4N

(1) north on Fifth Line; west on Britannia Road to LF4N[2]

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[1] Preferred route or route segment from Phase 4A Preliminary Analysis. Route numbers correspond to option numbers used in Preliminary Analysis.

[2] Preferred route or route segment from Phase 3B Analysis.

[3] Preferred route or route segment from Phase 4A Comparative Evaluation. Route numbers correspond to option numbers used in Comparative Evaluation.

PI1N/LF2N

To PI1N

(1) from 401 - south on Fourth Line; west on Britannia Road; south on Highway 25 to PI1N[1]

(2) from QEW - north on Highway 25 to PI1N[2]

To LF2N

(1) from 401 - north on Highway 10 to LF2N[2]

(2) from 410 - west on Derry Road West to LF2N[2]

PI1N to LF2N

(1) north on Highway 25; east on Britannia Road; north on Fourth Line; east on Highway 401; north on Highway 10 to LF2N[1]

PI13N/LF2N

To PI13N

(1) from 401 - south on Fourth Line; east on Britannia Road; south on Fifth Line to PI13N[1]

(2) from QEW - north on Highway 25 (Bronte Road); east on Britannia Road; south on Fifth Line to PI13N[2]

To LF2N

(1) from 401 - north on Highway 10 to LF2N[2]

(2) from 410 - west on Derry Road West to LF2N[2]

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1. Preferred route or route segment from Phase 4A Preliminary Analysis. Route numbers correspond to option numbers used in Preliminary Analysis.
2. Preferred route or route segment from Phase 3B Analysis.
3. Preferred route or route segment from Phase 4A Comparative Evaluation. Route numbers correspond to option numbers used in Comparative Evaluation.

PI13N to LF2N

(2) north on Fifth Line; west on Britannia Road; north on Fourth Line; east on Highway 401; north on Highway 10 to LF2N[1]

LF3C

(2) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; west on Regional Road 65 from Bismark; south on Krick Road to LF3C[3]

LF9C

(1) from QEW - south on Vineland Townline Road (Regional Road 24); west on Highway 20; south on Schram Road to LF9C[1]

LF1E

(5) from QEW - west on Biggar Road (Regional Road 47); south on Crowland Avenue; west on Carl Road to LF1E[3]

PI27E/LF1E

To PI27E

(1) from QEW - west on Biggar Road (Regional Road 47) to PI27E[3]

PI27E to LF1E

(5) west on Biggar Road (Regional Road 47); south on Crowland Avenue; west on Carl Road to LF1E[3]

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1. Preferred route or route segment from Phase 4A Preliminary Analysis. Route numbers correspond to option numbers used in Preliminary Analysis.
2. Preferred route or route segment from Phase 3B Analysis.
3. Preferred route or route segment from Phase 4A Comparative Evaluation. Route numbers correspond to option numbers used in Comparative Evaluation.

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO P11N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Boyne Community Centre (S) - total users - 1,340 (June '84) - 335 per week - user age groups not specified - evening and weekend use Boyne Community Park (S) - total users - 1,125 (June '84) - 250 per week for organized sports - users include children - evening and weekend use Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use Omagh Presbyterian Church (S) - 75 members - one Sunday service - average attendance - 60 - 200 community users - children's program - 4/5 afternoons weekly - weekday, evening and weekend use Omagh Presbyterian Church Cemetery - in use	Croatian Club Karlovac (Proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use: cultural club; summer picnics with about 500 users per event; meetings

TO PI1N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1	
	ADJACENT	VICINITY
	Church of Christ (S) - 1 Sunday service - 50 parishioners - 10% elderly and children - no other community use Church of Christ Cemetery - in use Shipp Corporation Development - (proposed) - residential	
Total Features	8	1
Sensitive Features[1]	5	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO PIIN

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 2	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Regional Municipality of Halton Offices - 212 full-time staff - 10-15 part-time staff - 200 visitors per day - community use - 50 regular users per week - day and evening use Bronte Creek Provincial Park (S) - 470 users per day - winter - 1,350 users per day - summer - 40% users are 0-20 years of age; 5% users are 60+ years of age - daily and weekend use - proposed 350 unit campground Richview Golf and Country Club - 600 members - extensive clubhouse use, year-round - swimming; 2 major tournaments per year St. Joseph's Portuguese Parish (S) - 5,000 parishoners; increasing - school for 100 children, Saturdays October to May - school for 100 children, daily June to September - frequent community meetings - day, evening and weekend use - proposed shrine to Our Lady of Fatima	St. Luke's Parish Hall - 20-90 persons per event - parish and community use - evening and weekend use St. Luke's Anglican Church (S) - historic - one Sunday service - 85 members, average attendance - 30 - weekend use St. Luke's Anglican Church Cemetery - in use Palermo United Church (S) - historic - one Sunday service - 100 members, average attendance - 70 - 40-50 regular community users - evening and weekend use Palermo United Church Cemetery - original pioneer cemetery Oakville Players Theatre - 100 members - number and users varies with production - evening and weekend use, 20 weeks/year Shallamar Boarding Stables - no information available

TO PIIN

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2 ADJACENT	VICINITY
	M.T.C. Hamilton District Patrol #11 - no direct users - daily operations The Ranch - trail riding - 100-125 users per week - users range from 8-50 years of age - daily and weekend use throughout year; special evening events Saw-Whet Golf Course - first year of operation - 20 members; majority of users are green fee fee players - users include seniors - daily use; spring, summer and fall	Palermo Park (S) - playground; softball diamond available for use by general public or through permits for private groups Glenorchy Conservation Area - (proposed) - initially proposed 1958 - re-activated 1985
Total Features	7	9
Sensitive Features[1]	2	3

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1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Boyne Community Centre (S) - total users - 1,340 (June '84) - 335 per week - user age groups not specified - evening and weekend use Boyne Community Park (S) - total users - 1,125 (June '84) - 250 per week for organized sports - users include children - evening and weekend use Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use Omagh Presbyterian Church (S) - 75 members - one Sunday service - average attendance - 60 - 200 community users - children's program - 4/5 afternoons weekly - weekday, evening and weekend use Omagh Presbyterian Church Cemetery - in use	Croatian Club Karlovac (Proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use: cultural club; summer picnics with about 500 users per event; meetings

TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
	Hunterbrook Farms - riding - no other information available Church of Christ (S) - 1 Sunday service - 50 parishoners - 10% children and elderly - no other community use Church of Christ Cemetery - in use Shipp Corporation Development - (proposed) - residential	
Total Features	9	1
Sensitive Features[1]	5	0

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1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 2	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Regional Municipality of Halton Offices - 212 full-time staff - 10-15 part-time staff - 200 visitors per day - community use - 50 regular users per week - day and evening use	St. Luke's Parish Hall - 20-90 persons per event - Parish and community use - Evening and weekend use
	Bronte Creek Provincial Park (S) - 470 users per day - winter - 1,350 users per day - summer - 40% users are 0-20 years of age; 5% users are 60+ years of age - daily and weekend use - proposed 350 unit campground	St. Luke's Anglican Church (S) - historic - one Sunday service - 85 members, average attendance - 30 - weekend use
		St. Luke's Anglican Church Cemetery - in use
	Richview Golf and Country Club - 600 members - extensive clubhouse use, year-round - swimming; 2 major tournaments per year	Palermo United Church (S) - historic - one Sunday service - 100 members, average attendance - 70 - 40-50 regular community users - evening and weekend use
	St. Joseph's Portuguese Parish (S) - 5,000 parishoners - school for 100 children, Saturdays October to May - school for 100 children, daily June to Sept. - frequent community meetings - day, evening and weekend use - proposed shrine to Our Lady of Fatima	Palermo United Church - original pioneer cemetery - in use
		Boyne Community Centre (S) - total users - 1,340 (June, 1984) - 335 per week - user age groups not specified - evening and weekend use

TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2 ADJACENT	 VICINITY
	M.T.C. Hamilton District Patrol #11 - no direct users - daily operations	Boyne Community Park (S) - total users - 1,125 (June 1984) - 250 users per week for organized sports - users include children - evening and weekend use
	The Ranch - trail riding - 100-125 users per week - users range from 8-50 years of age - daily and weekend use throughout year; special evening events	Oakville Players Theatre - 100 members - number of users varies with production - evening and weekend use, 20 weeks/year
	Hunterbrook Farms - riding - no other information available	Shallamar Boarding Stables - no information available
	Saw-Whet Golf Course - first year of operation - 20 members; majority of users are green fee players - users include seniors - daily use; spring, summer and fall	Palermo Park (S) - playground; softball diamond available for use by general public or through permits for private groups
		Glenorchy Conservation Area (proposed) - initially proposed 1958 - re-activated 1985
Total Features	8	11
Sensitive Features[1]	2	5

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
PI1N TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Hunterbrook Farms - riding - no other information available	- no features in vicinity
Total Features	1	0
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO PI13N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1	
	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Shipp Corporation Development - (proposed) - residential	Church of Christ (S) - 1 Sunday service - 50 parishioners - 10% elderly and children - no other community use Church of Christ Cemetery - in use Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use Glenorchy Conservation Area (Proposed) - initially proposed 1958 - re-activated 1985
Total Features	1	4
Sensitive Features[1]	0	2

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO PI13N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 2	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Regional Municipality of Halton Offices - 212 full-time staff - 10-15 part-time staff - 200 visitors per day - community use - 50 regular users per week Bronte Creek Provincial Park (S) - 470 users per day - winter - 1,350 users per day - summer - 40% users are 0-20 years of age; 5% users are 60+ years of age - daily and weekend use - proposed 350 unit campground Richview Golf and Country Club - 600 members - extensive clubhouse use, year-round - swimming; 2 major tournaments per year	St. Luke's Parish Hall - 20 - 90 persons per event - parish and community use - evening and weekend use St. Luke's Anglican Church (S) - historic - one Sunday service - 85 members, average attendance - 30 - weekend use St. Luke's Anglican Church Cemetery - in use Palermo United Church (S) - historic - one Sunday service - 100 members, average attendance - 70 - 40-50 regular community users - evening and weekend use Palermo United Church Cemetery - original pioneer cemetery - In use

TO PI13N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2 ADJACENT	 VICINITY
	St. Joseph's Portuguese Parish (S) - 5,000 parishioners - school for 100 children, Saturdays October to May - school for 100 children, daily June to September - frequent community meetings - day, evening and weekend use - proposed shrine to Our Lady of Fatima	Oakville Players Theatre - 100 members - Number of users varies with production - evening and weekend use, 20 weeks/year Shallamar Boarding Stables - no information available
	M.T.C. Hamilton District Patrol #11 - no direct users - daily operations	Palermo Park (S) - Playground; softball diamond available for use by general public or through private groups
	The Ranch - trail riding - 100-125 users per week - users range from 8-50 years of age - daily and weekend use throughout year; special evening events	Croatian Club Karlovac (Proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use: cultural club; summer picnics with about 500 users per event; meetings
		Glenorchy Conservation Area (proposed) - initially proposed 1958 - re-activated 1985
	Saw-Whet Golf Course - first year of operation - 20 members; majority of users are green fee players - users include seniors - daily use; spring, summer and fall	
	Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use	

TO PI13N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2	
	ADJACENT	VICINITY
	Church of Christ (S) - 1 Sunday service - 50 parishioners - 10% elderly and children - no other community use Church of Christ Cemetery - in use Boyne Community Centre (S) - total users - 1,340 (June, 1984) - 335 per week - user age groups not specified - evening and weekend use Boyne Community Park (S) - total users - 1,125 (June 1984) - 250 per week for organized sports - users include children - evening and weekend use Omagh Presbyterian Church (S) - 75 members - one Sunday service - average attendance - 60 - 200 community users - children's program - 4/5 afternoons weekly - weekday, evening and weekend use Omagh Presbyterian Church Cemetery - in Use	
Total Features	14	10
Sensitive Features[1]	7	3

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
PI13N TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1	
	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Hunterbrook Farms - riding - no other information available Boyne Community Centre (S) - total users - 1,340 (June 1984) - 335 per week - user age groups not specified - evening and weekend use Boyne Community Park (S) - total users - 1,125 (June 1984) - 250 users per week for organized sports - users include children - evening and weekend use Omagh Presbyterian Church (S) - 75 members - one Sunday service - average service attendance - 60 - 200 community users - children's programs 4-5 afternoons per week - weekday, evening and weekend use Omagh Presbyterian Church Cemetery - in use Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use	Croatian Club Karlovac (proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use: cultural club; summer picnics with about 500 users per event; meetings

PI13N TO LF4N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
	Church of Christ (S) - 1 Sunday service - 50 parishoners - 10% elderly and children - no other community use	
	Church of Christ Cemetery - in use	
Total Features	8	1
Sensitive Features[1]	5	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1 ADJACENT	 VICINITY
Number and Characteristics of Community and Recreation Features	German Canadian Club Hansa - 250 members - 500 users on weekends - hall, clubhouse, outdoor activities - users comprise all age groups - evening and weekend use Recreation Facility* - (proposed) - no other information available	M.T.C. Highway District Patrol - no direct users - daily operations St. Ilija Macedonian Orthodox Church and Community Centre (S) - (proposed) - construction by end of 1986 - church - year-round use - grounds - seasonal weekend use - picnic/sports area in current use - 1,000 participants per event Derry West Cemetery - historic - abandoned
Total Features	1	3
Sensitive Features[1]	0	1

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* Features not included in total for weighted comparison.

1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 2	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	- No features adjacent	Derrydale Golf Course - 100 weekday members - 275-300 users per day - 10% users over 60 years of age - seasonal, daily use St. Ilija Macedonian Orthodox Church and Community Centre (S) - (proposed) - construction by end of 1986 - church - year-round use - grounds - seasonal weekend use - picnic/sports area in current use - 1,000 participants per event Derry West Cemetery - historic/abandoned City of Mississauga Fire Station (Proposed) - location tentative - part of 10 year plan Pan Hellenic Canadian Community Centre (S) - (proposed) - library, 3 classrooms, meeting rooms banquet hall, church hall, administration offices, fitness facilities, residential quarters, 6 study rooms
Total Features	0	5
Sensitive Features[1]	0	2

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
PI1N TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1	
	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Boyne Community Centre (S) - total Users 1,340 (June 1984) - 345 users per week - user age groups not specified - evening and weekend use	M.T.C. Highway District Patrol - No direct users - Daily operations
	Boyne Community Park (S) - total Users - 1,125 (June 1984) - 250 users per week for organized sports - users include children - evening and weekend use	St. Ilija Macedonian Orthodox Church and Community Centre (S) - (Proposed) - construction by end of 1986 - Church - year-round use - Grounds - seasonal weekend use - Picnic/sports area in current use - 1,000 participants per event
	Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use	Croatian Club Karlovac (proposed) - property purchased November 1984 - proposed hall and associated buildings - intended use: cultural club; summer picnic with about 500 users per event; meetings

PI1N TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1 ADJACENT	VICINITY
	Omagh Presbyterian Church (S) - 75 members - one Sunday service - average service attendance - 60 - 200 community users - children's programs - 4-5 afternoons per week - weekday, evening and weekend use	Derry West Cemetery - historic - abandoned
	Omagh Presbyterian Church Cemetery - in use	
	Church of Christ (S) - 1 Sunday service - 50 parishioners - 10% elderly and children - no other community use	
	Church of Christ Cemetery - in use	
	German Canadian Club Hansa - 250 members - 500 users on weekends - hall, clubhouse, outdoor activities - users comprise all age groups - evening and weekend use	
	Shipp Corporation Development - (proposed) - residential	

PI1N TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 1	
	ADJACENT	VICINITY
	Recreation Facility* - (Proposed) - No other information available	
Total Features	9	4
Sensitive Features	5	1

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* Features not included in total for weighted comparison.

1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
PI13N TO LF2N

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 2	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	German Canadian Club Hansa - 250 members - 500 users on weekend - hall, clubhouse, outdoor activities - users comprise all age groups - evening and weekend use Recreation Facility* (proposed) - no other information available Shipp Corporation Development - (proposed) - residential	M.T.C. Highway District Patrol - no direct users - daily operations Omagh Community Park (S) - 80-100 users per evening baseball games in summer - users include children - evening and weekend use Church of Christ (S) - 1 Sunday service - 50 parishioners - 10% elderly and children - no other community use Church of Christ Cemetery - in use Derry West Cemetery - historic - abandoned St. Ilija Macedonian Orthodox Church and Community Centre (Proposed) (S) - completion end of 1986 - picnic, sports area in current use - 1,000 participants per event - church - year-round use - grounds - seasonal weekend use
Total Features	2	6
Sensitive Features	0	3

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* Features not included in total for weighted comparison.

1. Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2	
	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Indian Lake Campground (S) - 200 campsites - season - May to October - peak use - July and weekends - 1300 users during July; 31% children - 40% users retired couples Pelham Union Women's Institute Centre - used for various community activities - 30 users during peak use - peak use - spring & fall; evenings Vineland Missionary Church (S) - 250 - 300 members - 4 Sunday services - regular community use - evening and weekend use Vineland Pentecostal Church (S) - no information available Vineland Public School (S) - Kindergarten to Grade 8 - 343 pupils - September through June, daily	Rittenhouse Branch Library (S) - 100 users per week - 50% users seniors; 10% children - Monday to Saturday, year-round Victoria Tennis Club - 200 members - 175 users per week - 4% users seniors; 42% children and teens - daily, April to October Vineland Women's Institute Hall - 42 members - used for various community activities and regular Institute meetings Vineland Co-op Nursery School (S) - 18 pupils; 2 1/2 to 5 years of age - weekday mornings, September to June United Mennonite Home for the Aged (S) - 74 beds - 24 hours per day, 7 days per week - year-round Vineland United Mennonite Church (S) - 570 members - Sunday morning and evening services - average attendance - 350 - regular community use - evening and weekend use

TO LF3C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 2 ADJACENT	VICINITY
	Vineland United Church (S) - 164 member familes - Sunday and mid-week evening seravices - regular community use - weekend, weekday and evening use Balls Falls Conservation Area (S) - 14,000/year - average day - 250 users - 20% users seniors; 50% children - year-round use Victoria Experimental Farm - annual open house attracts over 2,000 visitors - 50-60 tours per year for school groups and senior citizens - park setting - used frequently for wedding photographs, on weekends Vineland Station Post Office - 200 users per day - Monday to Saturday, year-round Damastra Farms - horse riding/lessons/boarding - 50-75 lessons weekly, plus pleasure riding - 50 students/week; 25-35 are children - weekday, evening and weekend use year-round Gryphon Aviation Inc. - flying school and recreational flying - 20 members - in use May - October - peak time: weekends Pelham Roadways Yard - no direct users - daily, year-round operations	Mennonite Brethren Church (S) - 268 members - Sunday morning and evening services; Sunday School - regular community use - evening and weekend use Vineland Mennonite Church (S) - 50 members - one Sunday service; Sunday School - average attendance - 35 Vineland Cemetery - in use Vineland Post Office - 500 users per day - Monday to Saturday, year-round Elcho United Church (S) - 30 members - one Sunday service; Sunday School - adjoining hall serves 300 as community centre - weekend and use at other times, as needed Elcho United Church Cemetery - in use Vineland Fire Hall - volunteer

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

TO LF3C

INDICATOR	ROUTE 2 ADJACENT	VICINITY
	Gainsborough Conservation Area - wildlife area and Conservation Authority central workshop	
	Gainsborough Elementary School (S) - Kindergarten to Grade 8 - 376 students (1983) - September to June, daily	
	Bismark United Church (S) - 85 members - 50% users are children - occasional community use	
	Bismark United Church Cemetery - in use	
	West Lincoln Co-Op Nursery School (S) - 15 pupils - 2-4 years of age - capacity 17 - mornings	
	Heritage Village - (proposed) - retirement development	
	Trailer Park* (proposed) - recreational, seasonal use - no other information available	
Total Features	18	13
Sensitive Features[1]	9	7

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* Features not included in total for weighted comparison.

[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF9C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Indian Lake Campground (S) - 200 campsites - season: May to October - peak use - July and weekends - 1,300 users during July - 31% children - 40% users retired couples	Rittenhouse Branch Library (S) - 100 users per week - 50% users seniors; 10% children - Monday-Saturday, year-round
		Victoria Tennis Club - 200 members - 175 users per week - 4% users seniors; 42% children and teens - daily, April-October
	Pelham Union Women's Institute Centre - used for various community activities - 30 users during peak use - peak use - fall and spring; evenings	Vineland Women's Institute Hall - 42 members - used for various community activities and regular Institute meetings
	Vineland Missionary Church (S) - 250-300 members - 4 Sunday services - regular community use - evenings and weekend use	Vineland Co-op Nursery School (S) - 18 pupils; 2 1/2 to 5 years of age - weekday mornings, September to June
	Vineland Pentecostal Church (S) - no information available	
	Vineland Public School (S) - Kindergarten to Grade 8 - 343 pupils - September through June, daily	
	Vineland United Church (S) - 164 member familes - Sunday and mid-week evening services - regular community use - weekend, weekday and evening use	United Mennonite Home for the Aged (S) - 74 beds - 24 hours/day - 7 days per week year-round

TO LF9C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
	Balls Falls Conservation Area (S) - 14,000/year - average day - 250 users - 20% users seniors; 50% children - year-round use	Vineland United Mennonite Church (S) - 570 members - Sunday morning and evening services - average attendance - 350 - regular community use - evening and weekend use
	Victoria Experimental Farm - annual open house attracts over 2,000 visitors - 50-60 tours per year for school groups and senior citizens - park setting - used frequently for wedding photographs, on weekends	Mennonite Brethren Church (S) - 268 members - Sunday morning and evening services; Sunday School - regular community use - evening and weekend use
	Vineland Station Post Office - 200 users per day - Monday to Saturday, year-round	Vineland Mennonite Church (S) - 50 members - one Sunday service; Sunday School - average attendance - 35 - regular community use - weekend and evening use
	Damastra Farms - horse riding/lessons/boarding - 50-75 lessons weekly, plus pleasure riding - 50 students/week; 25-35 are children - weekday, evening and weekend use year-round	Vineland Cemetery - in use
		Vineland Post Office - 500 users per day - Monday to Saturday, year-round
		Vineland Fire Hall - volunteer

TO LF9C

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
	Gryphon Aviation Inc. - flying school and recreational flying - 20 members - in use May - October - peak time: weekends Pelham Roadways Yard - no direct users - daily, year-round operations Gainsborough Conservation Area - wildlife area and Conservation Authority central workshop Heritage Village - (proposed) - retirement development Trailer Park* (proposed) - recreational, seasonal use - no other information available	
Total Features	14	11
Sensitive Features[1]	6	6

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* Features not included in total for weighted comparison.

[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user; denoted by (S).

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

INDICATOR	ROUTE 5 ADJACENT	 VICINITY
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 46-55 members - 40% children - 20% seniors - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Total Features	1	2
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
TO PI27E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 1	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - 4-5 users/weekend - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year	Willo-Dell Golf and Country Club - 450 members + 3,000 green fee players/season - 5% under 20 years of age - 25% over 60 years of age - weekday and weekend use McCredie Cemetery - one stone
Total Features	1	2
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

COMPARATIVE EVALUATION OF SITING OPTIONS
PREFERRED ACCESS ROUTE
PI27E TO LF1E

FACTOR GROUPING: Impacts on Community and Recreation Features
FACTOR: Disruption of Operations

	ROUTE 5	
INDICATOR	ADJACENT	VICINITY
Number and Characteristics of Community and Recreation Features	- no features adjacent	Arpad Hungarian Cultural Centre - 48-55 members - 20% seniors - 40% children - choir and dance practices - dinner-dances - 150-160 users at peak - membership and activity decreased in last year
Total Features	0	1
Sensitive Features[1]	0	0

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[1] Judgement regarding sensitivity was made using information on type of use and/or assumed sensitivity of user.

STUDY AREA: COMMUNITY AND REGION

- *Impacts on Community and Region: Social Stability*
- *Impacts on Community and Region: Social Cohesion*
- *Impacts on Community and Region: Community Character*

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: IMPACTS ON COMMUNITY AND REGION
FACTOR: SOCIAL STABILITY

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
Stability Index[1]	238	254	251	255	221	214	203	205
Municipal Growth 1971-1981[2]	17%	17%	6%	6%	300%	300%	110%	110%
Disruption Through Residents Displacement[3]								
- % of displaced households at current address >5 years	67	100	79	69	67	63	88	86
- % of displaced households who are homeowners	67	100	93	92	89	62	75	43
- % of displaced households whose ancestors owned property	17	0	31	33	33	38	25	29
- % of displaced households whose ancestors lived in municipality	33	0	50	67	22	25	25	29
Disruption Through Out-migration[4]								
- % of moving households at current address >5 years	88	75	89	92	31	53	45	90
- % of moving households who are homeowners	100	100	100	100	100	100	83	80
- % of moving households whose ancestors owned property	31	25	11	8	31	35	36	50
- % of moving households whose ancestors lived in municipality	44	25	33	42	31	35	30	50

1. Stability Index = % of households at current address >5 years + % homeowners + % of households whose ancestors owned their property + % of households whose ancestors lived in municipality.
2. From 1981 Census
3. All data taken from survey of on-site residents.
4. All data taken from survey of adjacent and vicinity residents.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
Disruption Through Resident Displacement[1]								
- # of friends and relatives of those displaced	15	4	67	70	12	21	15	24
- # of displaced households with community group leaders	3	0	2	1	1	4	1	4
- # of displaced households with community group members	5	1	6	4	5	6	4	5
- # of displaced households with children	3	0	3	4	3	5	1	3
- # of children in displaced households[3]	9	0	10	11	4	7	1	4
Disruption Through Out-Migration[2]								
- # of moving households with community group leaders	7	3	2	3	1	3	1	3
- # of moving households with community group members	10	7	8	9	5	8	5	5
- # of moving households with children	11	4	6	7	8	7	7	3
- # of children in moving households[3]	30	8	13	14	12	9	11	4
No. of Community Features Contributing to Cohesion Disrupted[4]	1	0	1	1	0	0	0	0

1. All data taken from survey of on-site residents.
2. All data taken from survey of adjacent and vicinity residents.
3. Includes all household members 0 - 18 years of age.
4. Includes features which are primarily locally-serving, largely used by the same groups/ individuals on a regular basis, and used by relatively small number of people. Information used to operationalize this indicator follows on pages E.76 to E.90.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Characteristics of Community and Recreation Features: Potential Disruption		
Campbell Davidson Cemetery	- not in use	- see PI1N/LF4N
Milton District Hospital	- 83 beds (20 chronic) - 48,750 users of out-patients facilities per year - 24 hour operation - 83% occupancy - serves 30,000 people within a 10-12 mile radius of urban Milton	- see PI1N/LF4N
Kovachik Aircraft Service/ Burlington Air Park	- flying school - 80-100 students - weekday and weekend use	- see PI1N/LF4N
Boyne Community Centre	- total users 1,340 (June 1984) - 335 users per week - evening and weekend use - serves Milton, Oakville, Burlington	
Boyne Community Park	- total users - 1,125 (June 1984) - 250 users per week for organized sports - evening and weekend use - serves Milton, Oakville, Burlington	

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF4N	PI13N/LF4N
St. Clair Masonic Temple and Cemetery	- 75 regular users - adults - weekends and unscheduled events - serves Milton - cemetery used infrequently	
Pine Ridge Camp	- 100 campers daily - 2 week periods from July 1 to August 28, 450 over the summer - other periods open to public - camp serves Oakville urban area	
Fogolars Country Club	- no information available	
The Ranch	- trail riding - 100-125 users per week - daily and weekend use throughout year; special evening events - serves Toronto, Oakville, Milton, Burlington, Brampton	
Omagh Presbyterian Church and Cemetery	- 75 members - one Sunday service - average attendance - 60 - 200 community users - weekday, evening and weekend use - serves area bounded by Burnamthorpe Road, Trafalgar Road, Appleby Line and Highway 401 - cemetery in use	
Henderson Park	- no information available	

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF4N	PI13N/LF4N
Omagh Community Park		- 80-100 users per evening baseball games in summer - evening and weekend use - local/neighbourhood park; run by Omagh
Church of Christ and Cemetery		- 1 Sunday service - 50 parishioners - no other community use - serves Milton and Oakville - cemetery in use
Drumquin Park		- 1,600 users per week; 400 BMX racers + spectators - also used by pupils from Percy W. Merry Public School - weekday, evening and weekend use - serves Milton, Oakville, Mississauga - BMX track - regional attraction
Percy W. Merry Public School		- enrolment - 144 - daily use, September through June - no community use - serves area bounded by Tremaine Road/Third Line; Derry Road/Steeles Avenue, Ninth Line and Highway 5
Bethel United Church and Cemetery		- 120 members - one Sunday service - average attendance 70-80 - regular community use - evening and weekend use - serves area bounded by Derry Road, Fourth Line, Burnamthorpe Road and Tenth Line - cemetery in use

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF4N	PI13N/LF4N
Wyldewood Golf & Country Club		- 800 members - weekday, evening and weekend use - serves Oakville, Mississauga, Milton, Toronto
The Horse Place		- 250 users per week - 30-40 users per day - weekday, evening and weekend use - serves Oakville, Milton, Toronto, Mississauga
Omagh Bible Camp		- 80 campers per week and 40 other users on weekends - camp season July - August - used by public other times - camp serves Golden Horseshoe area
Sixteen Valley Conservation Area		- 1,000 users per year - no other information availble
Hunterbrook Farms	Riding No other information available	- see PI1N/LF4N
S.O.M. Club		- Spirit of Movement - weekend health and fitness retreat - operates 8-10 weeks per year

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	LF1E	PI27E/LF1E
Number and Characteristics of Community and Recreation Features Potential Disruption		
Crowland Community Park	- 1,400 regular users, average 16 per day - weekday and weekend use - serves Crowland area	- see LF1E
Rolling Meadows Golf and Country Club	- 150-160 members and green fee players - weekday and weekend use	- see LF1E
Lyons Creek United Church and Cemetery (C)[1]	- 52 members - one Sunday service - hall adjoining church used 1-2 times/ 2 month period, and as needed - average attendance - 36 - primarily serves local area - cemetery in use; historic	- see LF1E
Cooks Mills Park	- 100-125 children in day camp, and sporting events, picnics - weekday and weekend use - serves local area during week; also non-local residents on weekends	- see LF1E
Cooks Mills Community Hall	- year-round use, 200 users per year - serves local area during week; also non-local residents on weekends	- see LF1E
Rose City Snow Seekers	- snowmobile club - no other information available	- see LF1E

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[1] (C) = features judged likely to contribute to the maintenance of social cohesion.

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	LF1E	PI27E/LF1E
Crowland Central Elementary School	- 140-160 students - daily use - September-June - also community use of school and grounds - serves area bounded by Welland River, New Welland Canad, Netherby Road, Montrose Road	- see LF1E
Kingdom Hall of Jehovah's Witness	- 75 Minister members - average attendance - 85 - evening and weekend use	- see LF1E
Niagara Falls Fire Station #6	- volunteer	- see LF1E
Welland Fire Station #4	- volunteer	- see LF1E
Cooks Mills United Church	- Sunday morning services - 60+ members - 52 average attendance - 100 regular community users - weekend and evening use	- see LF1E
George Bukator Park		- opened October 1984 - Natural Park - information on users not available - planned facilities include boardwalk, boat ramps, exercise trails, fishing Gazebo
Dell Cemetery		- either abandoned or used only by family

FACTOR GROUPING: *Impacts on Community and Region*
FACTOR: *Social Cohesion*

INDICATOR	*LF1E*	*PI27E/LF1E*
McCredie Cemetery		*- one stone*
Flying Club		*- 19 members* *- year-round usage mainly summer* *- expansion planned*
Arpad Hungarian Cultural Centre	*- 48-55 members* *- 4-5 users/weekend* *- choir and dance practices; dinner-dances* *- membership and activity decreased in last year* *- serves Niagara Falls primarily; also Welland and St. Catharines*	*- see LF1E*
Grassybrook Park		*- camps, weekend usage, day outings* *- total regular users - 3,500 yearly* *- 2,068 Boy Scouts per year* *- daily and weekend use* *- serves Boy Scouts across North America; 90% of other users are local residents*

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	LF1E	PI27E/LF1E
Niagara Meadows Holiday Park		- 300 regular users - year-round use, mainly summer (250 per day) - serves Ontario, Quebec, United States
Niagara Falls Art Gallery and Museum		- average 50 per day - daily, year-round use - special tourist attraction
Willo-Dell Golf and Country Club		- 450 members + 3,000 green fee players/season - weekday and weekend use - serves Niagara Falls (Ontario and New York) Fort Erie, Buffalo, St. Catharines, Welland, Toronto

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATORS	LF3C	LF9C
Number and Characteristics of Community and Recreation Features: Potential Disruption		
Robert Land Military Academy	- boys private boarding school - 110 students - 7 days a week; 24 hours per day - September through June - most students come from Toronto area; also serves other parts of Ontario, other Canadian provinces, other Commonwealth countries	
Camp Keewaytan	- residential summer camp for handicapped, emotionally disturbed and learning disabled youth - 100 users annually - 7 days a week; 24 hours per day July and August	
Sensabaugh Cemetery	- in use	
Chippawa Creek Conservation Area	- 32,000 users annually - daily, year-round usage - 88% of users from within a 30 mile radius	

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATORS	LF3C	LF9C
Elcho United Church and Cemetery (C)[1]	- 30 parishioners - one Sunday service; Sunday School - hall adjoining church serves 300 as community centre; 95% of these users come from within a 4km radius - cemetery in use	
Silverdale Gun Club		- 1,000 members - Fall - peak period - 3,000 users over a 2-week period - serves Golden Horseshoe area
Bethel Chapel		- 2 Sunday services - 20 member families - other activities one Sunday per month - weekend and evening use

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1. (C) = features judged likely to contribute to the maintenance of social cohesion.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Characteristics of Community and Recreation Features: Potential Disruption		
German Canadian Club Hansa	- 250 members - 500 users on weekends - evening and weekend use - serves Mississauga, Georgetown, Brampton, Toronto, Shelburne, Bolton, Caledon	- See PI1N/LF2N
Hunterbrook Farms	- riding - no other information available	
S.O.M. Club		- Spirit of Movement - weekend health and fitness retreat - operates 8-10 weekends per year
Derry West Cemetery	- abandoned/historic	- See PI1N/LF2N
Derrydale Golf Course	- 100 weekday members - 275-300 users per day - weekday and weekend use - serves Metropolitan Toronto, Mississauga, Brampton	- See PI1N/LF2N
St. Ilija Macedonian Orthodox Church and Community Centre (Proposed)	- picnic/sports area in use currently - 1,000 participants per event - weekend use - serves Mississauga, Oakville, Brampton, Toronto	- See PI1N/LF2N

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	*PI1N/LF2N*	*PI13N/LF2N*
Greek Orthodox Community of Mississauga and District Church and Community Centre (Proposed)	*- current temporary church* *- 200-210 members* *- serves Mississauga, Toronto area*	*- See PI1N/LF2N*
The Horse Centre	*- no information available*	*- See PI1N/LF2N*
Hindu Sabha Temple	*- no information available*	*- See PI1N/LF2N*
Ministry of Transportation and Communication Patrol Yard	*- no direct users* *- daily operations*	*- See PI1N/LF2N*
Dunton Athletic Field	*- 9 regular user groups* *- evening and weekend use* *- serves Mississauga*	*- See PI1N/LF2N*
Boyne Community Centre	*- total users 1,340 (June 1984)* *- 335 users per week* *- evening and weekend use* *- serves Milton, Oakville, Burlington*	
Boyne Community Park	*- total users - 1,125 (June 1984)* *- 250 users per week for organized sports* *- evening and weekend use* *- serves Milton, Oakville, Burlington*	
St. Clair Masonic Temple and Cemetery	*- 75 regular users* *- evening and weekend use* *- unscheduled events* *- serves Milton, Campbellville, Georgetown, Acton, Bronte* *- cemetery used infrequently*	

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF2N	PI13N/LF2N
Pine Ridge Camp	- 100 campers for 2 week periods from July 1 - August 28; 450 over summer - other periods open to public - camp serves Oakville urban area	
Fogolars Country Club	- no information available	
The Ranch	- trail riding - 100-125 users per week - daily and weekend use throughout year; special evening events - serves Toronto, Oakville, Milton, Burlington Brampton	
Omagh Presbyterian Church and Cemetery	- 75 members - one Sunday service - average attendance - 60 - 200 community users - weekday, evening and weekend use - serves area bounded by Burnamthorpe Road, Trafalgar Road, Appleby Line and Hwy 401 - cemetery in use	
Henderson Park	- no information available	

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF2N	PI13N/LF2N
Church of Christ and Cemetery		- 1 Sunday service - 50 parishioners - no other community use - serves Milton and Oakville - cemetery in use
Omagh Community Park		- 80-100 users per evening baseball games - evening and weekend use - local/neighbourhood park; run by Omagh
Drumquin Park		- 1,600 users per week; 400 BMX racers + spectators - also used by pupils from Percy W. Merry Public School - weekday, evening and weekend use - serves Milton, Oakville, Mississauga - BMX track - regional attraction
Percy W. Merry Public School		- enrolment - 144 - daily use, September through June - no community use - serves area bounded by Tremaine Road/Third Line, Derry Road/Steeles Avenue, Ninth Line and Highway 5
Bethel United Church and Cemetery		- 120 members - one Sunday service - average attendance 70-80 - regular commuity use - evening and weekend use - serves areas bounded by Derry Road, Fourth Line Burnamthorpe Road and Tenth Line - cemetery in use
Wyldewood Golf and Country Club		- 800 members - weekday, evening and weekend use - Serves Oakville, Mississauga, Milton, Toronto

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Social Cohesion

INDICATOR	PI1N/LF2N	PI13N/LF2N
The Horse Place		- 250 users per week - 30-40 users per day - weekday, evening and weekend use - serves Oakville, Milton, Toronto, Mississauga
Omagh Bible Camp		- 80 campers per week and 40 other users on weekends - camp season July, August - used by public at other times - camp serves Golden Horseshoe area
Sixteen Valley Conservation Area		- 1,000 users per year - no other information available

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: COMMUNITY AND REGION

FACTOR GROUPING: Impacts on Community and Region
FACTOR: Community Character

INDICATOR	LF3C	LF9C	LF1E	PI27E/ LF1E	PI1N/ LF4N	PI13N/ LF4N	PI1N/ LF2N	PI13N/ LF2N
Compatibility With Land Use								
- % of non-industrial 2km[1]	100	100	100	100	100	100	100	100
- % of non-industrial 5km[2]	100	100	94	97	100	100	90	90
- % designated non-industrial 2km[3]	100	100	98	77	100	100	96	96
- % designated non-industrial 5km[4]	100	100	86	92	99	99	62	62
Heritage Features[5]								
- average heritage value	26.7	25.5	25.9	24.5	29.6	28.8	28.8	28.1
- density of structures	1.5	1.7	1.5	1.3	1.8	2.0	1.5	1.6
- historic landscape	3.0	3.0	2.0	1.0	2.0	2.0	*	*
Visual Compatibility[6]								
- with respect to land use	3.0	4.0	1.0	2.0	5.0	6.0	*	*
- intrusion on traffic	1.0	2.0	3.0	4.0	5.0	6.0	*	*

* Not calculated due to screening of LF2N siting options.

1. Non-industrial land use as a percentage of existing land use within 2km of the site.
2. Non-industrial land use as a percentage of existing land use within 5km of the site.
3. Non-industrial land use as a percentage of designated land use within 2km of the site.
4. Non-industrial land use as a percentage of designated land use within 5km of the site.
5. As provided by Historica Research Ltd.
6. As provided by EDA Collaborative Inc.

STUDY AREA: ACCESS ROUTE

- *Impact Indices*

ACCESS ROUTE IMPACT INDICES

SITING OPTION	RESIDENTIAL[1] IMPACT INDEX		COMMUNITY AND RECREATION FEATURES IMPACT INDEX[1]	
	Adjacent to Access Route	Access Route 800 Metre Study Area[2]	Adjacent to Access Route	Access Route 800 Metre Study Area[2]
PI13N/LF4N	455.6	381.3	15.5	11.3
PI1N/LF4N	431.6	285.0	14.4	10.1
PI27E/LF1E	14.1	88.9	1.1	1.0
LF1E	25.3	104.2	1.1	1.0
LF3C	1007.3	1805.0	15.5	13.1
LF9C	779.6	1653.6	12.1	13.1

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1. The residential impact index was calculated as follows: $\frac{\text{Year 2000 AADT + OWMC AADT}}{\text{Year 2000 AADT}} \times$ estimated number of residents

The community and recreation features impact index was calculated as follows:

$$\frac{\text{Year 2000 AADT + OWMC AADT}}{\text{Year 2000 AADT}} \times \text{number of community and recreation features}$$

AADT is the annual average daily traffic volume. The year 2000 AADT and OWMC traffic volumes were provided by M.M. Dillon Ltd.

2) The 800 metre study area excludes the adjacent study area.

APPENDIX F

FUTURE SCENARIOS

FUTURE SCENARIOS

In order to identify any possible trends or future developments that might require consideration during the comparative evaluation stage, it was necessary to develop future scenarios for the three candidate municipalities. The scenarios developed served as background and reference material but did not play a role in the comparative evaluation of the siting options. The future scenario as developed for each municipality is discussed below.

FUTURE SCENARIO OF CITY OF NIAGARA FALLS

INTRODUCTION

The Regional Municipality of Niagara is a mixture of urban and rural landscapes. The Cities of Niagara Falls and Welland are the main urban centres in the area of the candidate sites, where industry and tourism are the major economic components. The rural area is a combination of woodlots and crop farming interspersed with small hamlets and some development on major rural roads. The recession has hit the area very hard and the urban areas are trying to attract new industry and renew old ones.

The following future scenario is based on information available from the 1982 City of Niagara Falls Official Plan, the 1984 City of Niagara Falls Official Plan Update, the Region of Niagara Policy Plan (1981), and the Official Plan for the City of Welland (1975).

POPULATION

An examination of the municipal census data indicates that the City of Niagara Falls had a population of 70,960 in 1981, an increase of only 5.7% since 1971 and 2.2% since 1976. This figure is about 1/2 of the 1976-81 percentage change for the Province of Ontario. The growth rate, based on 1976 to 1981 data, is 0.4% per annum and has been decreasing since the mid 1970s. The slight decline in population growth is attributed mainly to out-migration and to a lesser extent a falling birth rate. The decline in employment opportunities and layoffs are the primary causal agents for the out-migration.

Trends identified in the Official Plan indicate that there will be a certain amount of stability in the future and possibly a slight increase in population. The 1984 Official Plan update predicts a population of 72,265 in 1990 and 73,463 in the year 2000. The saturation level, based on development capacity, is 103,722.

A description by age group of 1981 census municipal data, 1981 census enumeration data (i.e., covering the site areas) and 1981 provincial data is presented in Table 1. The age structures for the City, the site areas and the Province are very similar. In the municipality, 6% of the population are

TABLE 1
DEMOGRAPHIC STATISTICS FOR THE CITY OF NIAGARA FALLS

	1981 CENSUS BY MUNICIPALITY[1]	1981 CENSUS BY E.A.[2]		ONTARIO 1981[3]
		LF1E	PI27E	
1. Population 1971	67,160			
Population 1976	69,423			8,245,602
Population 1981	70,960	2,680	1,985	8,625,107
% change 76-81	2.2%			4.4%
2. Age Groups				
0-4 yrs	6%	5%	5%	7%
5-14 yrs	15%	16%	16%	15%
15-64 yrs	67%	71%	71%	68%
>64 yrs	12%	9%	9%	10%
3. Number of Persons Per Households	2.8%	3.3%	3.2%	2.8%
4. Occupancy				
Tenure (% owned)	72%	89%	87%	63%
>10 yrs	36%	48%	46%	-
5. Education				
< grade 9	23%	22%	20%	17%
9-13	40%	52%	52%	46%
Post Secondary				
Non-University	23%	20%	22%	20%
University	14%	8%	7%	17%
6. Occupation				
White Collar	65%	47%	48%	63%
Blue Collar	32%	51%	52%	26%
Sub-Group - Farming	-	6%	9%	-
Other	6%	8%	8%	7%

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1. Statistics Canada, 1981 Census of Canada.
2. Statistics Canada, 1981 Census of Canada.
3. Compusearch Market and Social Research Ltd. Tradearea: Trade Area Analysis System. Toronto, Ontario.

pre-schoolers (0-4 years), 15% are school age children (5-14 years), 67% are working age adults (15-64) and 12% are seniors over 64 years. The statistics show a declining younger population (0-14 years) and an increasing elderly population in the City and City planners expect this trend to continue at least over the short term.

There is an average of 2.8 persons per household in the municipality (a decrease from 3.4 in 1971), equivalent to the provincial average although the OWMC candidate site areas have a significantly higher average household size (3.3 for LF1E, 3.2 for PI27E). The difference may be due to the farm households in the rural site areas and their tendency to have larger families.

The population tends to be long-term residents as 72% of the households in the City own their home compared to 63% provincially, and 36% in the City have lived at their present address more than 10 years. The occupancy statistics for the OWMC candidate site areas indicate even greater stability than the City as about 88% own their home and about 47% have lived at their present location greater than 10 years.

Education statistics indicate that the number of adults completing some post-secondary education in the City of Niagara Falls is about equal to the provincial average, although the City has a greater proportion of adults with less than a grade nine education (23% vs 17%). A lower proportion of adults have attended post-secondary schooling in the candidate OWMC site areas compared to the City of Niagara Falls (28% vs 37%).

A comparison of occupations of City residents to provincial residents shows very similar proportions of white collar to blue collar workers, whereas the sites have a significantly larger blue collar proportion (50% vs 30%) than either the City or the Province. This is partly due to the greater number of farmers on the sites relative to the City or the Province.

Census statistics (1981) indicate that the City unemployment rate is close to 10% higher than the Provincial rate for the 15-24 year age group, and it is this younger population and young families that tend to out-migrate in search of steady employment. The unemployment rate reached a record 21.3% in 1983 but has since decreased, indicating that Niagara Falls may be on the road to recovery. The population projection figures mentioned earlier assume an upturn in the economy. Unfortunately, in many instances, industry has permanently down-scaled, ceased operation or relocated and the City will likely have to attract new industry in order to meet the population projections.

ECONOMIC STRUCTURE/PROFILE

The economic base of the City of Niagara Falls is a mix of heavy and light industry, tourism, services and some farming (southwest of QEW).

Industry is found in several areas. The Official Plan reports older sites in the northeast end of the City along the CN rail and Cyanamid and other abrasive plants in the southwest part of the city along the Welland River. The Falls Industrial Park is a new industrial development located in the south part of town along the Welland River. The Official Plan reports that presently about 70% of the industrial growth is the result of expansion of existing industries and there is more than enough industrial zoned land to meet future requirements. Major manufacturing includes abrasives and chemicals, wineries, metal and machinery fabrication, auto parts, food and beverages and non-metallic and mineral production. Industrial land uses are presently slowly encroaching on agricultural land northeast of the Niagara Falls siting options. As mentioned previously, the future for industry in Niagara Falls depends on the economic recovery and rejuvenation of present industries as well as active soliciting by the City for new development. Services are available in the existing industrial areas to allow much expansion.

The tourist industry provides a major source of income and employment for Niagara Falls' residents as it serves 12 to 15 million tourists per year (Official Plan, 1982). The decline in the Canadian dollar has helped the trade recently (i.e. more American tourists) and a strong service sector is expected in the future. In fact, jobs lost in the manufacturing sectors are being offset by increases in service sector employment. Tourist retail is concentrated in the Clifton Hill area adjacent to the Falls and in the west end along Lundy's Lane.

The commercial sector in Niagara Falls is characterized by an old Central Business District (CBD) where retail space is declining as office space is increasing, and the new Niagara Square, a shopping centre planned to reduce the high leakage of retail business from the City. There is presently an oversupply of commercial land according to the Official Plan. Consequently, there is not expected to be a shortage of space in the future, considering the modest growth projections. There are plans to gradually strengthen and improve the old CBD in the future.

Agriculture is a relatively small component of the municipalities' economy. There is a regional trend towards larger-scale operations, thus reducing the number of farms and the total farm population. There has been encroachment of industrial land uses on agricultural land in the past, and the trend is expected to continue at a slow rate. The intentions of the Plan are to develop the poorer agricultural lands first, depending on the ease of servicing.

The City of Welland is located southwest of the siting options. Close to Cooks Mills are the Ontario Industrial Park and the East Main Industrial Park. The former is serviced and presently being developed as industries are attracted to the area, and the latter will be developed some time in the future. The intent of the Welland Official Plan (1975) is to restrict future industrial development to the two parks and maintain the rural area. Further residential development will occur within areas zoned as such to the west of the industrial parks, although there appears to be some demand for rural residential subdivisions.

With the hope of maintaining the rural area and restricting further development to a minimum, restrictions (i.e. lot size to control population density) will be put on any new rural development in the future and permitted uses will have to be deemed compatible with a rural environment and serve only rural residents. No rural development is expected until the urban area attains a population of 60,000 (the projected figure for 1995). (City of Welland, Draft Official Plan, 1975)

SOCIAL/COMMUNITY STRUCTURE

The Niagara Falls community revolves around the Falls and the extensive park system and is supported by an agricultural hinterland and an economy based on industry and tourism.

There is an increasing demand for housing even though there is a zero growth rate. This is due to a re-orientation of the housing market resulting from increased first time buyers, separations and divorces and relocation of seniors to more convenient locations. More units and smaller units are required for the population. The 1982 Official Plan reports that the Stamford and Westlane communities will experience infilling over the short term and longer term growth will occur in more peripheral communities west of the QEW and in Chippawa. Hard servicing is not expected to be a problem. Residential development capacity exceeds projected demand and redevelopment, infill and urban renewal is expected to maximize services in the City. The Official Plan update (1984) predicts construction of 100-300 new homes annually to be built within existing registered plans of subdivision until 1990.

If the present population trends continue, services for the aged will have to be increased and schools will be shut down due to lack of enrolment. Recreational services are deemed adequate at the present time and should meet future demands considering the modest projected population growth.

SUMMARY

Niagara Falls and Welland are the principle urban centres serving the area. The economy is based on industry and tourism and will continue to be so in the future. Niagara Falls has been severely damaged by the recession, resulting in high unemployment and high out-migration of the younger populations. The City is in the process of soliciting new industrial development and encouraging established industries to expand in order to stabilize the sagging economy. If it is successful, modest industrial growth is expected in the future primarily in the Falls Industrial Park.

The tourism industry is stable and is expected to remain so. The old Central Business District is deteriorating and rejuvenation is expected sometime in the future.

Population growth is close to nil, and is not expected to increase much in the future unless the economy improves greatly. New residential development, if any, will be concentrated in two communities close to the sites: Westlane and Chippawa. Therefore, there is the possibility of urban encroachment of rural land. Since growth is expected to be moderate, the present hard and soft services will serve the population for a long time, although the increasing proportion of elders and the high unemployment rate will be taxing on social services.

The OWMC candidate sites LF1E and PI27E have stable communities but there does not seem to be strong community unity. This may be due to the lack of rural population clusters that generally provide a focus to the community. Most residents make use of the advantages and conveniences of the nearby urban areas. Similarly, there does not seem to be a strong commitment from the City to develop strong rural identities and protect farmland in this area from urban uses. Industrial development is slowly growing around PI27E. This differentiates it from LF1E which is primarily agricultural, although Welland industrial parks are developing and proposed in designated areas to the southwest of the site. The general land use developments in the area would seem to suggest that industrial uses in the vicinity of the two potential OWMC sites are anticipated in the future.

The residents of the site areas have a greater proportion of seniors and childless families, lower incomes, lower housing values, higher unemployment and a higher proportion of blue collar workers compared to the provincial average. The demographics are not expected to change a great deal in the future and any change will stem from urbanization of the area.

In summary, the future scenario for both Niagara Falls and the site areas is one of a continuation of existing trends with no major changes anticipated.

FUTURE SCENARIO OF TOWN OF MILTON

INTRODUCTION

The Town of Milton has been rapidly expanding. Much of the growth has occurred in the last two decades and it has been effectively channelled into designated areas adjacent to the old town centre. In so doing, the rural ambience of the rest of the municipality has been retained. A fair number of Milton residents are commuters to one of the nearby urban centres. This has created somewhat of a bedroom community and the Town intends to address the situation by offering employment in the Town, primarily in the clean industrial sector. Population growth in the urban centre is expected to level off to a more manageable level in the future and development in the rural areas is to be tightly controlled.

POPULATION

An examination of the 1981 municipal census data indicates that 28,067 people resided in Milton in 1981, an estimated 100% increase from 1971. Between 1976 and 1981, the rate of change was 35%, much higher than the Provincial average of 4.4%. The rate of growth, based on 1976-1981 data, is about 7% per annum. Census statistics indicate that the urban serviced areas have experienced a reduction in annual population increase each year since 1978. A small but stable increase has occurred in the hamlets and rural areas. The Milton Planning Department Population and Development Forecast Report (1981) predicts that the Municipality will grow to 33,573 people by 1988 and 35,000 by 2001. This trend indicates a continued rapid reduction in population annual increase in the years to come.

A description of 1981 data by age group for the Municipality, the site areas (using enumeration data) and the Province is displayed in Table 2. The data shows that Milton has a slightly higher proportion of children (0-14 years) and a lower proportion of seniors (65+ years) compared to the Provincial figures. The OWMC candidate site areas have very similar age structures to one another. Compared to the municipality, they have significantly fewer children in the 0-4 year age group (5% vs 10%) and PI13N and PI1N have a greater proportion of working age adults (ages 15-64 years).

The average household size for Milton is 3.2 persons per household, compared to 2.8 for the province and 3.4 in the OWMC potential site areas. The Milton Planning Department (1981) forecasts a trend for a reduction in average household size for the Town.

Seventy-seven percent of the Milton households, 83% of PI1N households, 86% of LF4N households and 72% of PI13N households own their home, significantly higher than the Provincial average of 63%. Twenty-one percent of the Milton households have lived at their present address longer than 10 years, significantly lower than the OWMC candidate site areas (38%-48%). Considering the large influx of people into the area within the last 10 to 15 years, the above figures indicate that the older rural community is very stable.

TABLE 2
DEMOGRAPHIC STATISTICS FOR THE TOWN OF MILTON

	1981 CENSUS BY MUNICIPALITY[1]	1981 CENSUS BY E.A.[2]			OTTAWA 1981[3]
		PI13N	PI1N	LF4N	
1. Population 1971	7,020				
Population 1976	20,756				8,245,602
Population 1981	28,067	720	1,435	2,050	8,625,107
% change 76-81	35.2%				4.4%
2. Age Groups					
0-4 yrs	10%	6%	5%	5%	7%
5-14 yrs	18%	18%	16%	16%	15%
15-64 yrs	66%	75%	73%	66%	68%
>64 yrs	6%	6%	7%	7%	10%
3. Number of Persons Per Households	3.2%	3.4%	3.4%	3.4	2.8%
4. Occupancy					
Tenure (% owned)	77%	72%	83%	86%	63%
>10 yrs	21%	48%	42%	38%	-
5. Education					
< grade 9	11%	18%	15%	14%	17%
9-13	49%	50%	46%	44%	46%
Post Secondary					
Non-University	23%	19%	26%	25%	20%
University	18%	11%	15%	19%	17%
6. Occupation					
White Collar	68%	39%	38%	52%	63%
Blue Collar	28%	65%	52%	43%	26%
Sub-Group - Farming	-	32%	18%	16%	
Other	5%	0	5%	5%	7%

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1. Statistics Canada, 1981 Census of Canada.
2. Statistics Canada, 1981 Census of Canada.
3. Compusearch Market and Social Research Ltd. Tradearea: Trade Area Analysis System. Toronto, Ontario.

Census statistics (1981) indicate that Milton residents generally have a slightly higher education level than the overall Provincial populace. An investigation of the candidate site area data reveals education levels for PI1N and LF4N to be on par with the Town and PI13N to be a little below par compared to the Town and the Province.

A comparison of occupations for the Town and the Province indicates that the breakdown of white collar and blue collar workers is very similar, whereas the site areas have a higher proportion of blue collar workers due to a fairly large number of farmers. The percentage of farmers increases as one moves away from the urban area of Milton (i.e. PI13N: 32% farmers; PI1N: 18%; LF4N: 16%).

ECONOMIC STRUCTURE/PROFILE

The Town of Milton has a very distinct urban and rural flavour. The Official Plan describes the urban area of Milton as the main administrative, residential, commercial and industrial centre for the area municipality.

Rigid zoning in the Town, guided by the Official Plan, has allocated industry to the Milton 401 Industrial Park where only dry non-noxious industrial uses are permitted in order to minimize sewage effluent. "Prestige" industries are preferred. Land is also zoned industrial in a parcel of land north and south of the 401 and will be serviced as necessary in the future. Sufficient sewage *treatment plant capacity is available to service some of these lands and they have been designated. Therefore, present services will limit expansion in the future. The only industrial area outside of Milton is west of Campbellville where Municipal services again limit the extent of expansion. It is the intent of the municipality to keep industrial land uses within the urban areas in order to protect the rural areas.*

South of the Milton proposed sites within the Town of Oakville, the 1983 Official Plan reports that the majority of new growth will be north of QEW. Proposed plans include a Central Business District, industrial zoned areas and residential districts, which will encroach agricultural lands as far north as Highway 5. Beyond Highway 5, the land use is presently agricultural and the intention of the Plan is to retain this land as such. Similarly, the land outside of the Town of Milton below the escarpment is primarily class 1 agricultural land and is to be preserved as such. Above the escarpment, the soils are generally relatively poor for farming.

SOCIAL/COMMUNITY STRUCTURE

Growth in Milton will be constrained by the provision of water and sewer services. The Town experienced much new residential development between 1980-1984 in urban-serviced areas, although from 1985-1988, the Planning Department expects an increase in infill development. The Official Plan reports that residential development near the proposed sites is being concentrated around the 4th Line - Campbellville Road area in response to the influx of commuters. Job creation is a priority in Milton in order to reduce the number of commuters to Peel and Metro Toronto. Potential residential development in the future includes a development by the Shipp Corporation which would extend from Highway 401 to Derry Road West on the west side of the 4th Line. Development of this subdivision is anticipated to begin in 1995.

A plan for the area was proposed in 1982 by the Halton Region Rural Cluster Study. The plan reports that major development will be directed to urban areas and rural development will be directed to towns classified as hamlets as opposed to rural clusters where there are servicing limitations. Infilling is desirable over expansion and ribbon development along rural roads is to be avoided. The intention is to preserve the character of the hamlets by strictly controlling all forms of development. The demand for non-farm and rural estate development lots on agricultural land is increasing and this type of development will be directed to hamlets.

The planned subdivisions in the Town have by-laws specifying parkland and open space requirements; therefore, future recreational needs should be met.

SUMMARY

The Town of Milton is an expanding urban area that seems to have retained a small town community lifestyle. This type of lifestyle has attracted many people who commute to work in the Metro Toronto area and Peel Region. Milton is trying to attract clean industry to the Town in order to provide employment for the residents as well as newcomers to the area. In the future, in-migration levels are expected to stabilize and growth should level off. Therefore, little encroachment of the productive farmland is anticipated in the future. To the south of the OWMC proposed site areas, the Town of Oakville is expected to expand rapidly north of the QEW and most of the farmland south of Hwy 5 is expected to be lost to urbanization in the future.

The proposed site areas are very similar to one another and are characterized by full-time farm operations specializing mainly in crop farming and horse stables. In addition, many residents are hobby farmers who commute to their predominently white collar occupations. Two income families are common and the average income levels are above the provincial average, as are the house values. There has been a demand for non-farm lots on agricultural land (i.e. rural estate lots) in the past and this trend is expected to continue. The municipality has a strong commitment to to protect agricultural land and it intends to direct the rural non-farm type of development to hamlets where hard and soft services can be maximized and a stronger community can develop. The stable older community of the Town is found in the rural areas where modest growth and little change is anticipated. In summary, the future scenario for the Town of Milton and the proposed site areas is one of a continuation of existing trends but at a slower rate and major urbanization will occur south of Hwy 5 in the Town of Oakville.

FUTURE SCENARIO OF TOWNSHIP OF WEST LINCOLN

INTRODUCTION

The Township of West Lincoln can be characterized as a predominently rural township with agriculture as the major component of its economic base. Smithville is the urban centre of the Township and scattered along major rural roads, one can find low density rural clusters, farm development and non-farm residential development.

POPULATION

The 1981 Census, by municipality, reported a total of 9,846 residents in the Township of West Lincoln, an increase of 17% over a ten-year period from 1971-81. The rate of change over a five year period (1976-1981) was 4.1%, similar to the 4.4% provincial figure. The growth rate, based on 1971 to 1981 figures is 1.7% per year. The Township Official Plan predicts that the population will grow to 11,000 - 12,500 people by 1991, based on the Township accounting for 2.4% of the regional population projections. The projection falls within the 1.7% growth rate mentioned above, suggesting a stable future growth rate.

A description by age group of 1981 Census municipal data, 1981 census enumeration data, and 1981 Provincial data is presented in Table 3. The figures indicate that the Township and the potential site areas have a larger young population (0-14 years) and slightly smaller elderly population (65+ years) compared to the Provincial figures. In the Township, 8% of the population are preschoolers (0-4 years), 20% are school age children (5-14 years), 64% are working age adults (15-64 years) and 7% and seniors (65+ years).

There is an average of 3.5 persons per household in the Township, significantly higher than the provincial average of 2.8. The average for the potential site areas is 3.7, reflecting the tendency for farm households to have larger families.

Eighty-four percent of the households in the Township own their home compared to 63% Provincially, and 37% have lived at their current address more than 10 years. The numbers for the potential site areas correspond closely to the numbers for the Township (see Table 3). They suggest a relatively high stability in the area.

Education statistics for West Lincoln indicate that the adults in the Township have not attained the level of education comparable to that for the Province. For example, 25% of the West Lincoln adults have taken some post secondary education vs. 37% for the Province. Statistics for the potential site areas show trends similar to the Township, although a greater proportion has less than a grade 9 education.

TABLE 3
DEMOGRAPHIC STATISTICS FOR THE TOWNSHIP OF WEST LINCOLN

		1981 CENSUS BY MUNICIPALITY[1]	1981 CENSUS BY E.A.[2]		ONTARIO 1981[3]
			LF9C	LF3C	
1.	Population 1971	8,395			
	Population 1976	9,459			8,245,602
	Population 1981	9,846	2,565	1,760	8,625,107
	% change 76-81	4.1%			4.4%
2.	Age Groups				
	0-4 yrs	8%	9%	10%	7%
	5-14 yrs	20%	20%	19%	15%
	15-64 yrs	64%	65%	62%	68%
	>64 yrs	7%	7%	9%	10%
3.	Number of Persons Per Households	3.5%	3.7%	3.7%	2.8%
4.	Occupancy				
	Tenure (% owned)	84%	83%	82%	63%
	>10 yrs	37%	38%	41%	-
5.	Education				
	< grade 9	20%	26%	25%	17%
	9-13	55%	52%	50%	46%
	Post Secondary/				
	Non-University	15%	16%	19%	20%
	University	10%	7%	6%	17%
6.	Occupation				
	White Collar	44%	34%	36%	63%
	Blue Collar	50%	62%	65%	26%
	Sub-Group - Farming	-	25%	35%	-
	Other	6%	5%	2%	7%

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1. Statistics Canada, 1981 Census of Canada.
2. Statistics Canada, 1981 Census of Canada.
3. Compusearch Market and Social Research Ltd. Tradearea: Trade Area Analysis System. Toronto, Ontario.

A comparison of occupations indicates that the proposed site areas and Township have a much higher percentage of blue collar workers than the Province (LF3C - 62%, LF9C - 65%, Township - 50%, Province - 26%). The high proportion of farmers in the area accounts for the difference.

ECONOMIC STRUCTURE/PROFILE

The existing economic base is predominently agricultural. This sector is comprised of extensive (i.e. crops) and intensive mixed farming (i.e. dairying, poultry and pig farming) and some specialty fruits. According to the Official Plan, the Township of West Lincoln handles more than 50% of the Region of Niagara fluid milk production. The Township planners report a stable agricultural community and good prospects for future growth, especially in mixed and livestock farming. Recent trends are expected to continue into the future.

They include:

1) a minor decline in the number of farms
2) an increase in the average farm size
3) a minor decline in the total amount of agricultural land farmed
4) a minor decline in the farm population
5) a minor decline in full-time farmers
6) an increase in part-time farmers
7) an increase in specialized farming (i.e. poultry, pigs)
8) a minor increase in urban encroachment

These trends follow those of the Province and the Region and are due to increased mechanization, more efficient farm management and farm consolidations.

There is very little manufacturing activity in West Lincoln. The Town of Smithville and a few hamlets have a small amount of agricultural-related industries (i.e. fertilizers, farm equipment, animal feed, etc.). According to the Township Official Plan, few economic ventures are expected to locate outside of Smithville in the future, as most, if not all of the activity will be directed to a planned industrial park in Smithville. The Town is planning to attract modern light industry which is expected to increase manufacturing employment by 25% by 1991.

The service sector is presently the second highest employer in West Lincoln. There are about 30 retail and commercial businesses in Smithville which serve the rural population needs and the Township planners foresee potential redevelopment in the Smithville Central Business District to meet any increased demand. The tertiary sector is expected to double in growth by 1991. Minor commercial development is found in established hamlets and along arterial roads in the Township and limited growth is expected in the future.

SOCIAL/COMMUNITY STRUCTURE

The rural nature of the Township is dominated by agriculture and wooded areas. Agriculture is expected to remain the main land use, although there are trends towards greater suburban growth around Smithville and growth of the rural non-farm community at the expense of farmland. Smithville (estimated population 1,939 in 1983 according to Township officials) is the only true urban area in the Township and steady growth is expected due to the introduction of the Industrial Park.

There is an increasing demand for low density non-farm residential and commercial development along major rural roads. The Township plans to direct this sort of development within existing hamlets (Wellandport, St. Ann's, Bismarck, Caistorville, Caistor Centre, Attercliffe) in the rural areas and ensure that arable land is not prematurely removed from production. This, in turn, may rejuvenate some of these hamlets that are presently decreasing in population. The increasing trend for commuters to Hamilton and St. Catharines to move into the area will account for much of the projected growth and improved road transportation will increase accessibility to Smithville.

With the modest anticipated growth for the Township, there may be an increased demand for recreational facilities. Fairgrounds in Smithville and Wellandport and school yards provide the only recreational facilities in the area, although there is great potential for passive and active activities. There are plans for an arena in Smithville. Presently, the Township is well below the recommendations set by the Ministry for recreational development.

SUMMARY

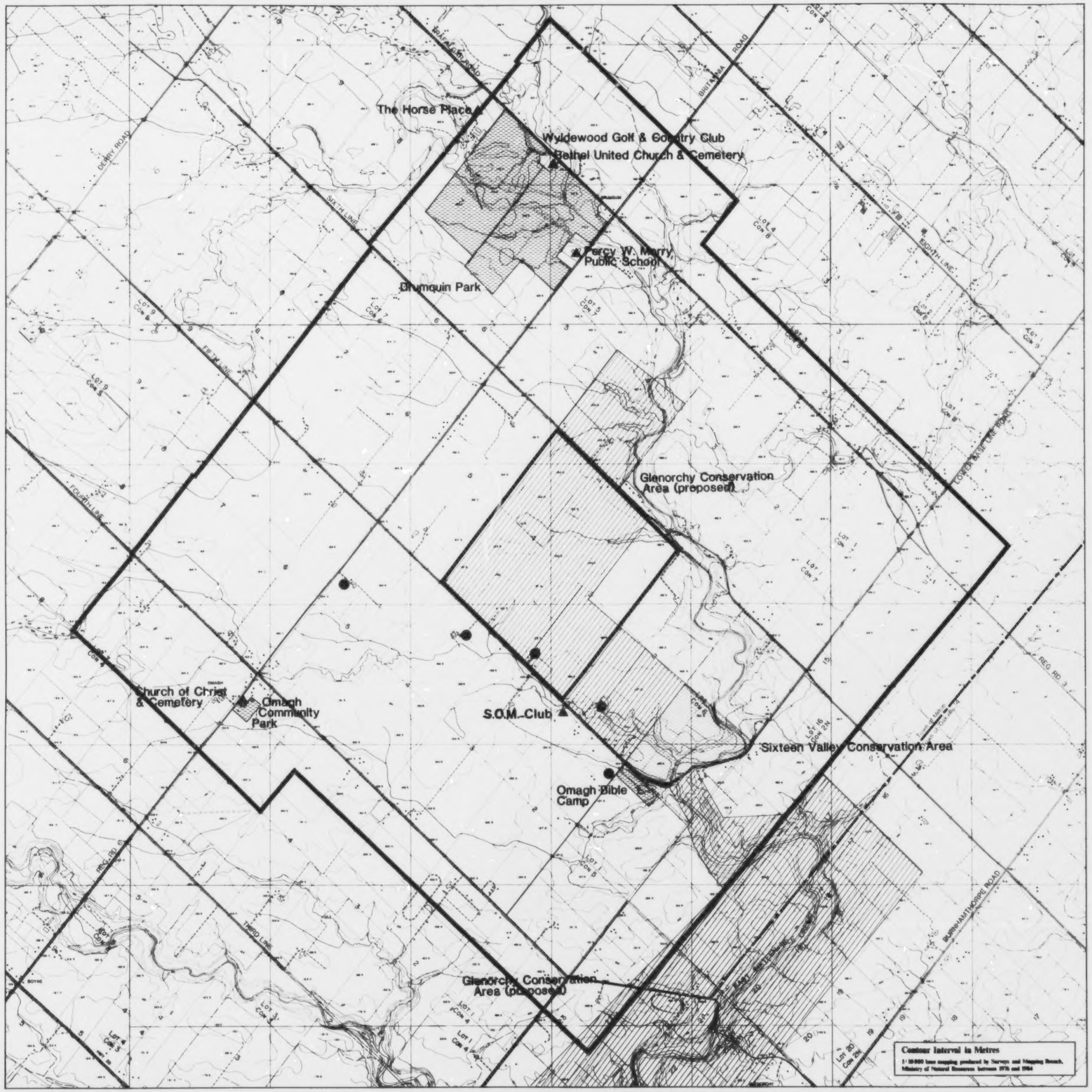
The Township of West Lincoln is primarily rural agricultural and this sector of the community is expected to change very little in the future. The farming communities are very stable as indicated by the lack of mobility, the high percentage of owner occupied dwellings, the large families and close family ties. Fewer but larger farms are expected in the future and an increase in specialized intensive farming is expected. Growth in the rural area is predicted to be slow but stable. Much of the growth will be in the form of rural non-farm development which the Township hopes to channel into present hamlets, not only to strengthen the hamlets, but to protect farmland and reduce servicing costs.

Smithville is the urban centre for the area and it services the needs of the rural hinterland. Most of the industrial, residential and commercial development for the Township will occur in Smithville. The area does not have an abundance of recreation services and facilities although there is potential. Any new recreational development will probably occur in or near Smithville in order that it may serve as many people as possible.

The site areas LF3C and LF9C are very rural/agricultural oriented. The LF3C site vicinity experienced a large population growth spurt from 1976 to 1981 due to the Oswego Park residential development south of the Chippewa Creek. The stable community is strengthened by the Elcho United Church and its use as a community centre. The Chippewa Conservation Park and recreational features in Wellandport serve both LF3C and LF9C residents. Existing land use and demographic trends are expected to continue in the future for both the Township and the proposed site areas.

APPENDIX G

SITE MAPS: LOCATIONS OF COMMUNITY AND RECREATION FEATURES


The Horse Place
Wyldewood Golf & Country Club
Bethel United Church & Cemetery
Percy W. Merry Public School
Drumquin Park
Glenorchy Conservation Area (proposed)
Church of Christ & Cemetery
Omagh Community Park
S.O.M. Club
Sixteen Valley Conservation Area
Omagh Bible Camp
Glenorchy Conservation Area (proposed)
BRITANNIA ROAD
DERRY ROAD
SIXTH LINE
FIFTH LINE
FOURTH LINE
THIRD LINE
EIGHTH LINE
LOWER BASE LINE ROAD
BURNHAMTHORPE ROAD
REG. RD. 3
REG. RD. 25
LOT 4 CON 8
LOT 1 CON 7
LOT 1 CON 9
LOT 9 CON 6
LOT 9 CON 5
LOT 5 CON 7
LOT 5 CON 5
LOT 16 CON 2N
LOT 20 CON 2N
LOT 1 CON 4
LOT 3 CON 3
Contour Interval in Metres

1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:
ier
Institute of Environmental Research Inc.

Legend:

● Historic Features

▲ Community & Recreation Features (boundaries undefined)

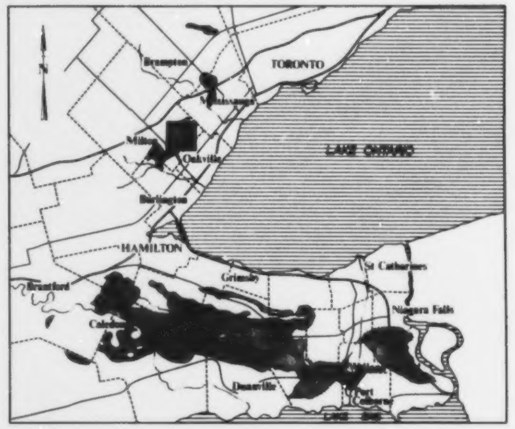
▨ Community & Recreation Features (boundaries defined)

☐ Community & Recreation Features (proposed and designated)

━ Phase 3B Acquisition Boundary ▬ Site Vicinity Study Area Boundary

Key Map: **PI-13 North**

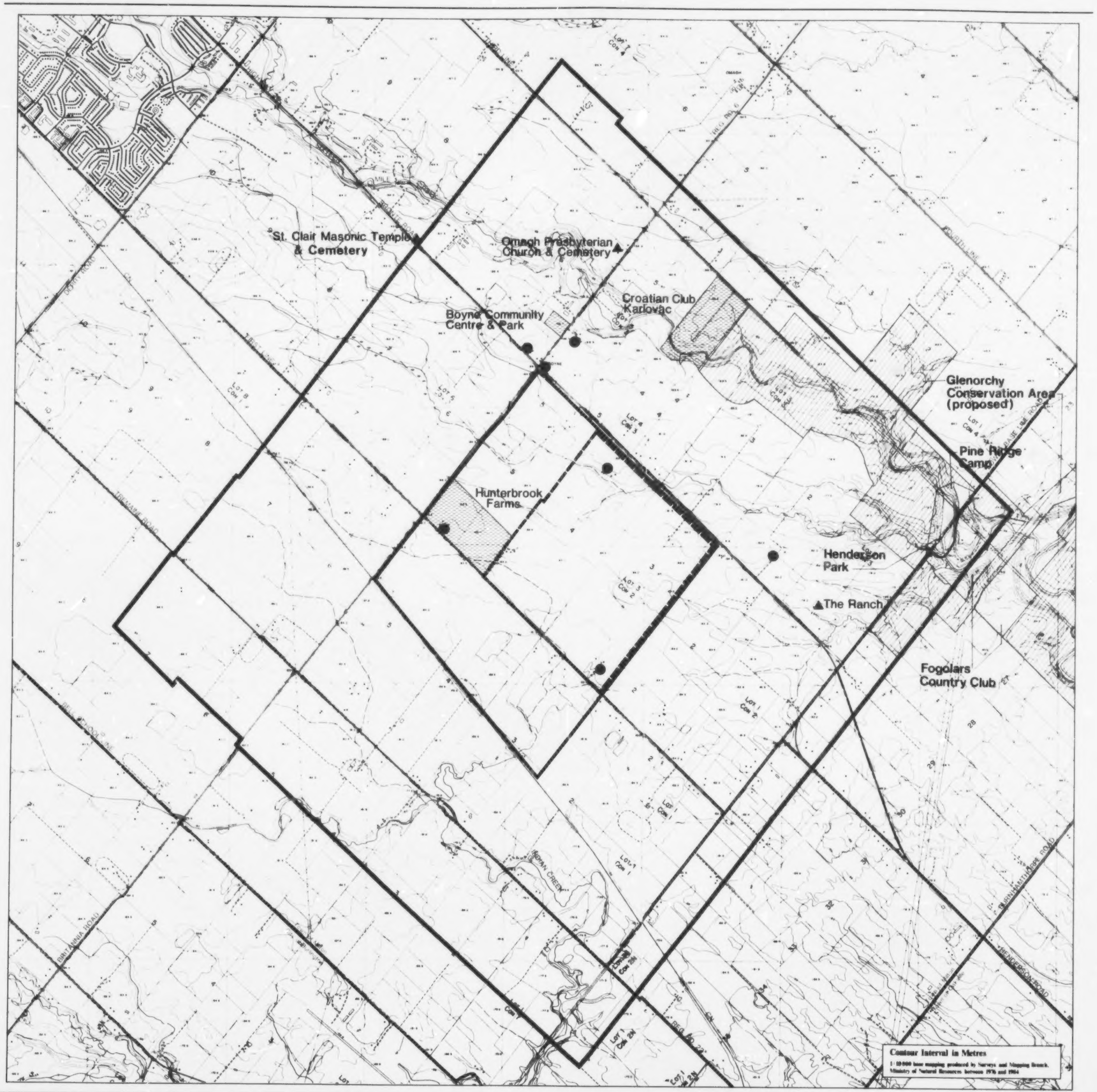
Lots 3 and 4; Concession VI; Town of Milton, formerly the Township of Trafalgar


N
Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
Grimsby
St Catharines
Brantford
Niagara Falls
Caledonia
Dunnville
Port Colborne
LAKE ERIE

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features
DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 1**


St. Clair Masonic Temple & Cemetery
Omagh Presbyterian Church & Cemetery
Croatian Club Karlovac
Boyne Community Centre & Park
Glenorchy Conservation Area (proposed)
Pine Ridge Camp
Hunterbrook Farms
Henderson Park
The Ranch
Fogolars Country Club
Contour Interval in Metres
1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:

ier Institute of Environmental Research Inc.

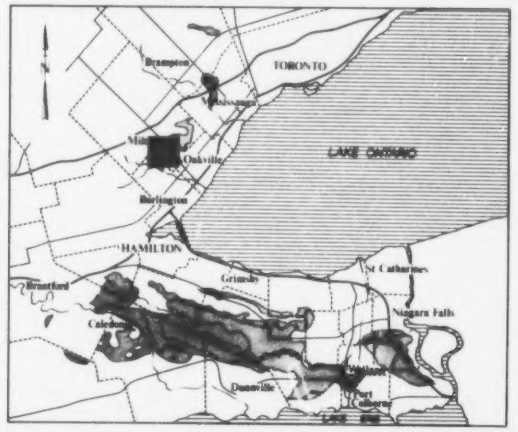
Legend:

- ● Historic Features
- ▲ Community & Recreation Features (boundaries undefined)
- ▨ Community & Recreation Features (boundaries defined)
- ☐ Community & Recreation Features (proposed and designated)

- Proposed Acquisition Boundary
- Phase 3B Acquisition Boundary
- Site Vicinity Study Area Boundary

Key Map: **PI-1 North**

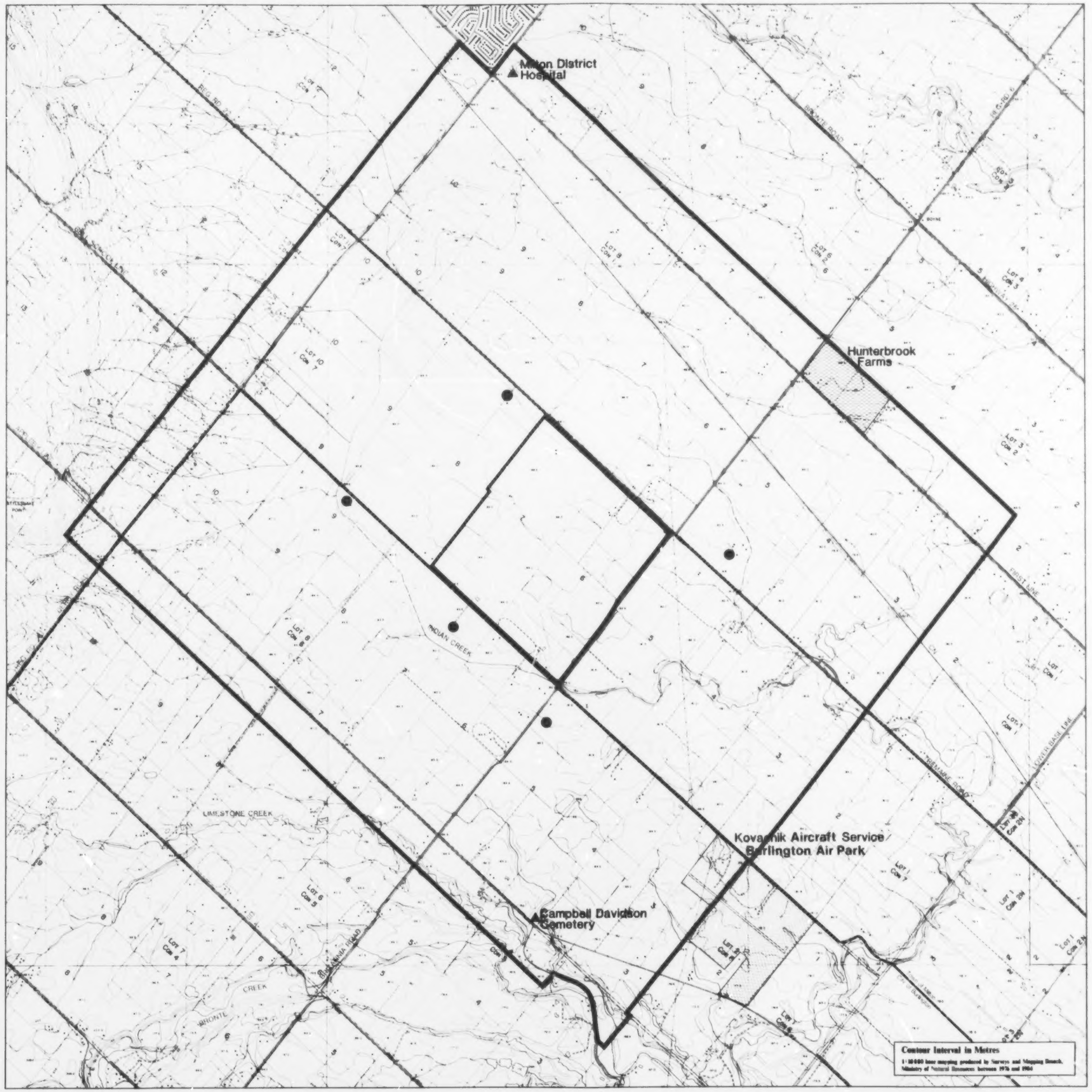
Lots 3, 4 and 5; Concession II; Town of Milton; Parts of Lots 3, 4 and 5; Concession 1; Town of Milton, formerly in the Township of Trafalgar


N
Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
St Catharines
Brantford
Grimsby
Niagara Falls
Caledonia
Dunnville
Welland
Port Colborne
LAKE ERIE

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 2**


Milton District Hospital
Hunterbrook Farms
Kovachik Aircraft Service/ Burlington Air Park
Campbell Davidson Cemetery
INDIAN CREEK
LIMESTONE CREEK
BRONTE CREEK
FIRST LINE

Contour Interval in Metres

1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:

ier
Institute of Environmental Research Inc.

Legend:

● **Historic Features**

▲ **Community & Recreation Features (boundaries undefined)**

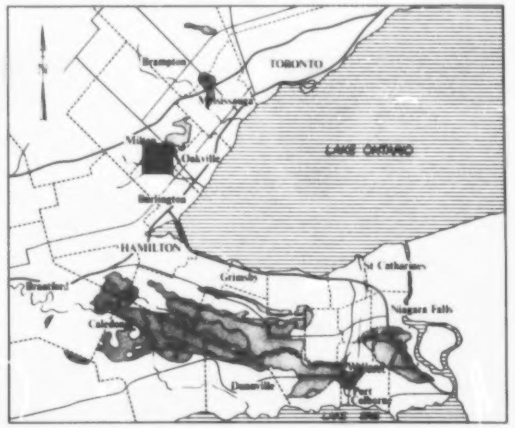
▨ **Community & Recreation Features (boundaries defined)**

☐ **Community & Recreation Features (proposed and designated)**

Phase 3B Acquisition Boundary **Site Vicinity Study Area Boundary**

Key Map: **LF-4 North**

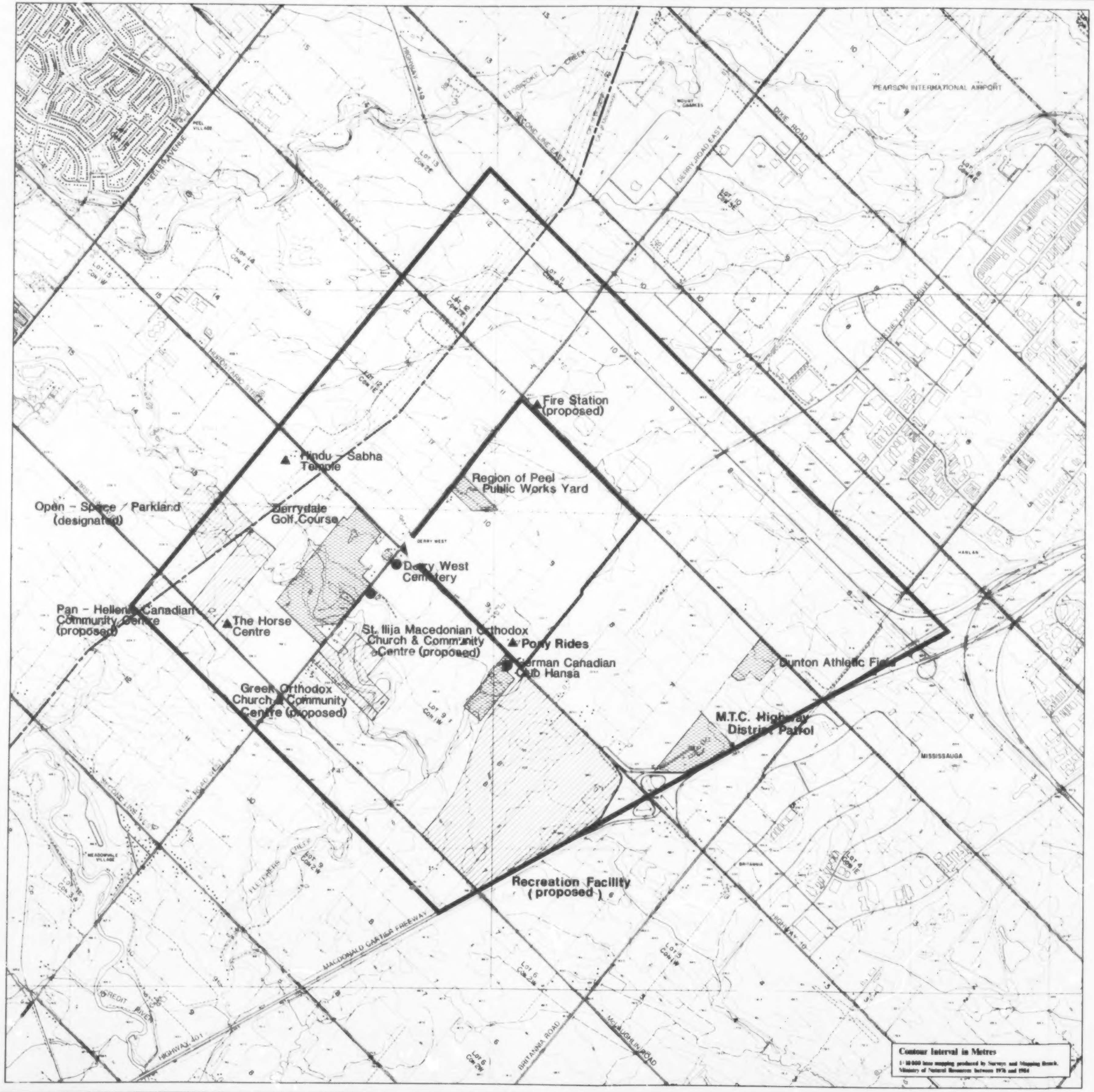
Lots 6 and 7; Concession VII; Town of Milton, formerly in the Township of Nelson


Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
St Catharines
Grimsby
Brantford
Niagara Falls
Caledonia
Dunnville
Port Colborne

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 3**


Fire Station (proposed)
Hindu - Sabha Temple
Region of Peel Public Works Yard
Open - Space / Parkland (designated)
Derrydale Golf Course
Derry West Cemetery
Pan - Hellenic Canadian Community Centre (proposed)
The Horse Centre
St. Ilija Macedonian Orthodox Church & Community Centre (proposed)
Pony Rides
German Canadian Club Hansa
Gunton Athletic Field
Greek Orthodox Church & Community Centre (proposed)
M.T.C. Highway District Patrol
Recreation Facility (proposed)
PEARSON INTERNATIONAL AIRPORT
DIXIE ROAD
DERRY WEST
MISSISSAUGA
BRITANNIA ROAD
MACDONALD CARTIER FREEWAY
HIGHWAY 401
HIGHWAY 10
Contour Interval in Metres
1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:
ier
Institute of Environmental Research Inc.

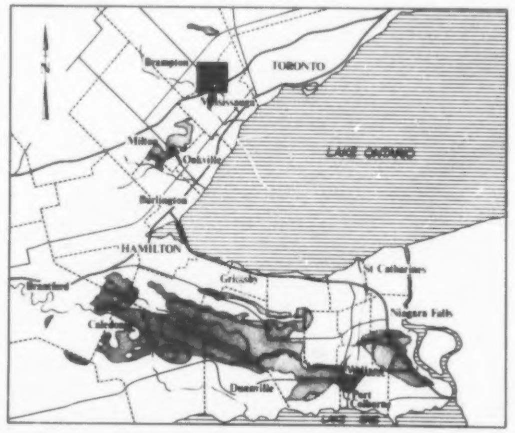
Legend:

- ● Historic Features
- ▲ Community & Recreation Features (boundaries undefined)
- ▨ Community & Recreation Features (boundaries defined)
- ▨ Community & Recreation Features (proposed and designated)

Phase 3B Acquisition Boundary — Site Vicinity Study Area Boundary

Key Map: **LF-2 North**

Lots 9 and 10; Concession I EHS (East of Hurontario Street), City of Mississauga

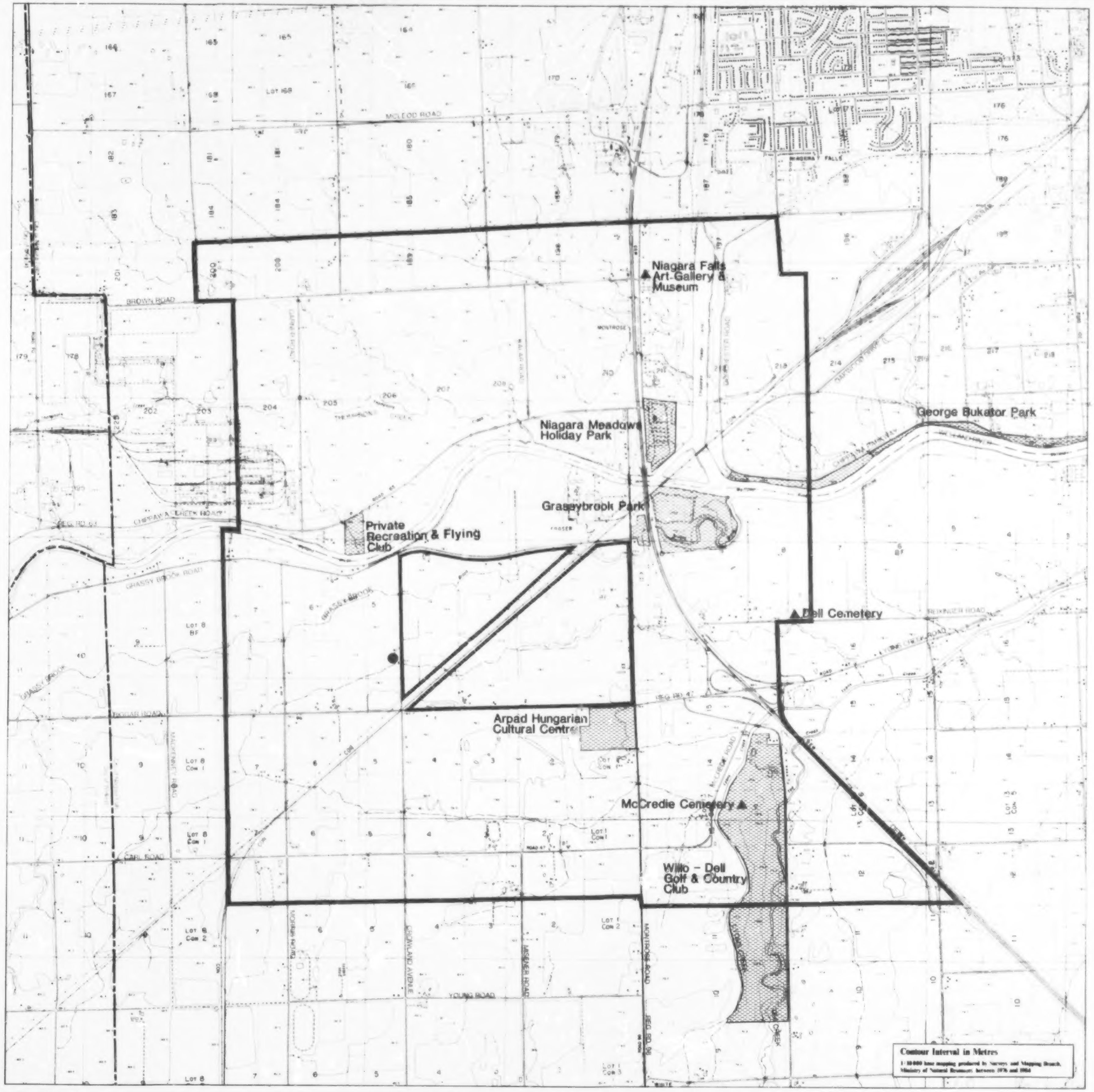

N
Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
St Catharines
Brantford
Grimsby
Niagara Falls
Caledonia
Dunnville
Port Colborne

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features
DETAILED COMPARATIVE EVALUATION

November 1985

MAP 4


Niagara Falls Art Gallery & Museum
Niagara Meadows Holiday Park
George Bukator Park
Grassybrook Park
Private Recreation & Flying Club
Dell Cemetery
Arpad Hungarian Cultural Centre
McCredie Cemetery
Willo - Dell Golf & Country Club
McLEOD ROAD
BROWN ROAD
MONTROSE
CHIPPAWA CREEK ROAD
GRASSY BROOK ROAD
BUCHNER ROAD
YOUNG ROAD
NIAGARA FALLS
LOT 8 BF
LOT 8 CON 1
LOT 8 CON 2
LOT 1 CON 1
LOT 1 CON 2
LOT 1 CON 3

Contour Interval in Metres

1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1978 and 1984

OWMC Ontario Waste Management Corporation

Consultant:
ier
Institute of Environmental Research Inc.

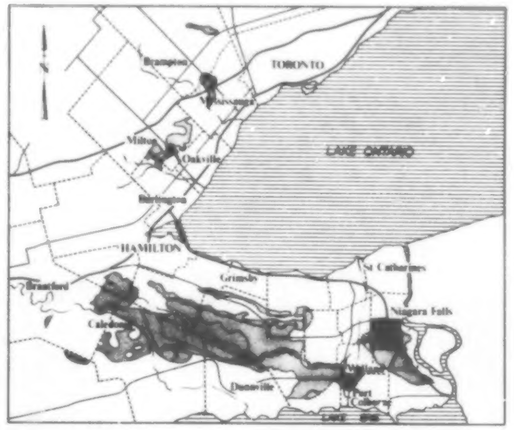
Legend:

- ● Historic Features
- ▲ Community & Recreation Features (boundaries undefined)
- ▨ Community & Recreation Features (boundaries defined)
- ☐ Community & Recreation Features (proposed and designated)

— Phase 3B Acquisition Boundary
━ Site Vicinity Study Area Boundary

Key Map: **PI-27 East**

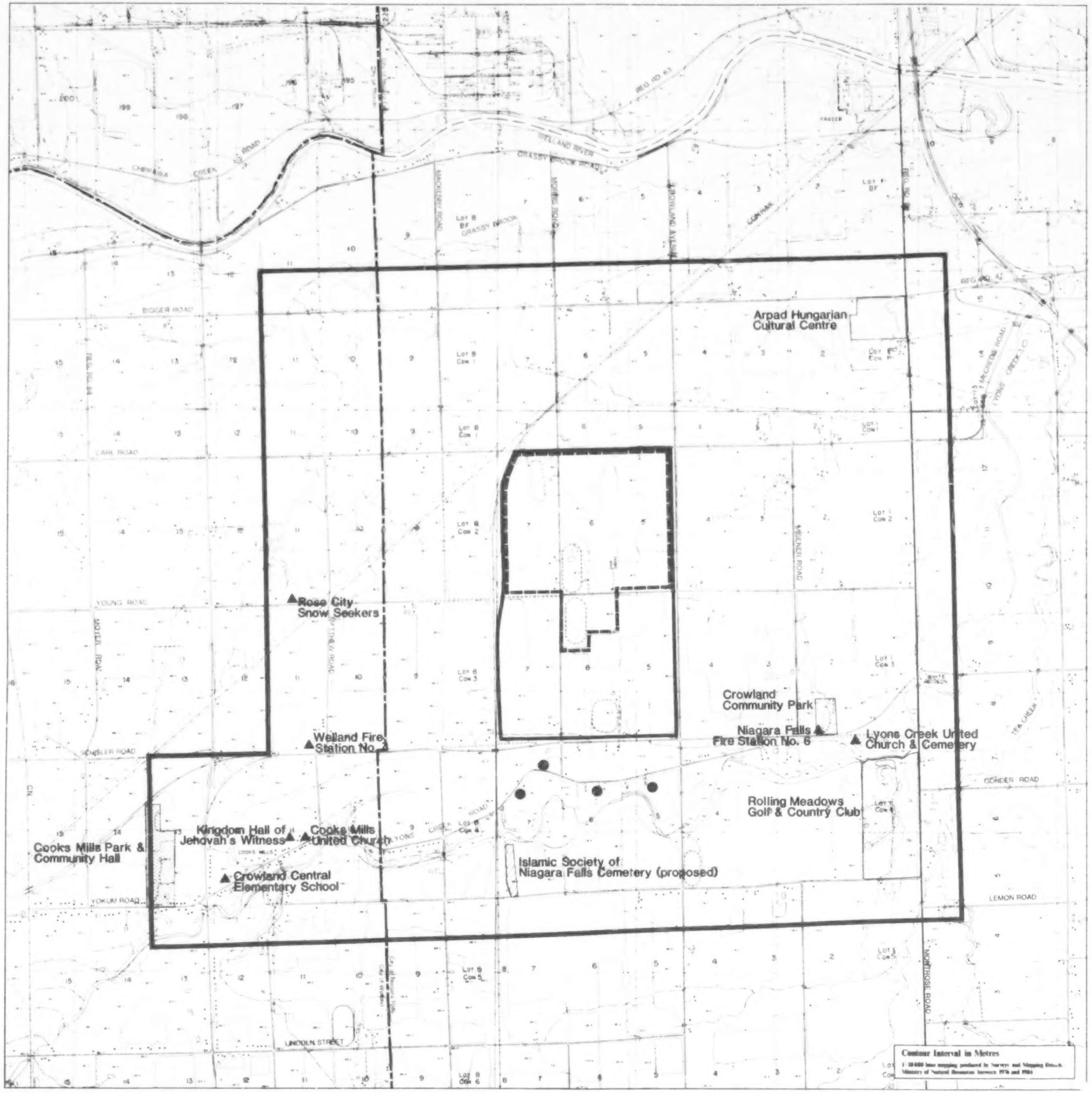
Part of Lots 1, 2, 3, and 4; Broken Front Concession Welland River; City of Niagara Falls; formerly in the Township of Crowland


TORONTO
Brampton
Mississauga
Milton
Oakville
Burlington
LAKE ONTARIO
HAMILTON
Grimsby
St Catharines
Brantford
Caledonia
Niagara Falls
Dunnville
Port Colborne
LAKE ERIE

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features
DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 5**


Arpad Hungarian Cultural Centre
Rose City Snow Seekers
Welland Fire Station No. 2
Crowland Community Park
Niagara Falls Fire Station No. 6
Lyons Creek United Church & Cemetery
Rolling Meadows Golf & Country Club
Kingdom Hall of Jehovah's Witness
Cooke Mills United Church
Cooks Mills Park & Community Hall
Crowland Central Elementary School
Islamic Society of Niagara Falls Cemetery (proposed)
WELLAND RIVER
CHIPPAWA CREEK
GRASSY BROOK ROAD
BIGGER ROAD
CARL ROAD
YOUNG ROAD
SCHISLER ROAD
YOKUM ROAD
LINCOLN STREET
CONDER ROAD
LEMON ROAD
MONTROSE ROAD
REG RD 63
REG RD 47
LYONS CREEK
TEE CREEK

Contour Interval in Metres

1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:

ier

Institute of Environmental Research Inc.

Legend:

- ● Historic Features
- ▲ Community & Recreation Features (boundaries undefined)
- ▨ Community & Recreation Features (boundaries defined)
- ☐ Community & Recreation Features (proposed and designated)

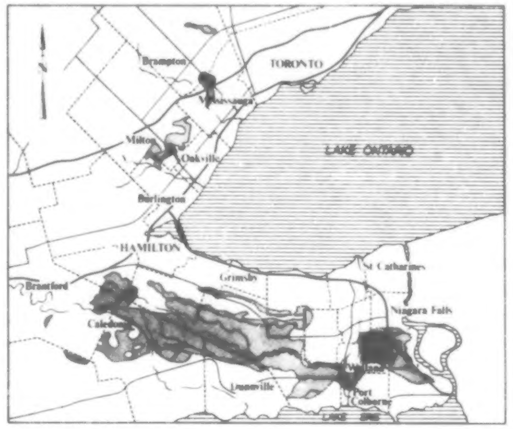
Proposed Boundary for Partially Integrated Siting Option

Proposed Boundary for Integrated Siting Option (Phase 3B Acquisition Boundary)

Site Vicinity Study Area Boundary

Key Map: **LF-1 East**

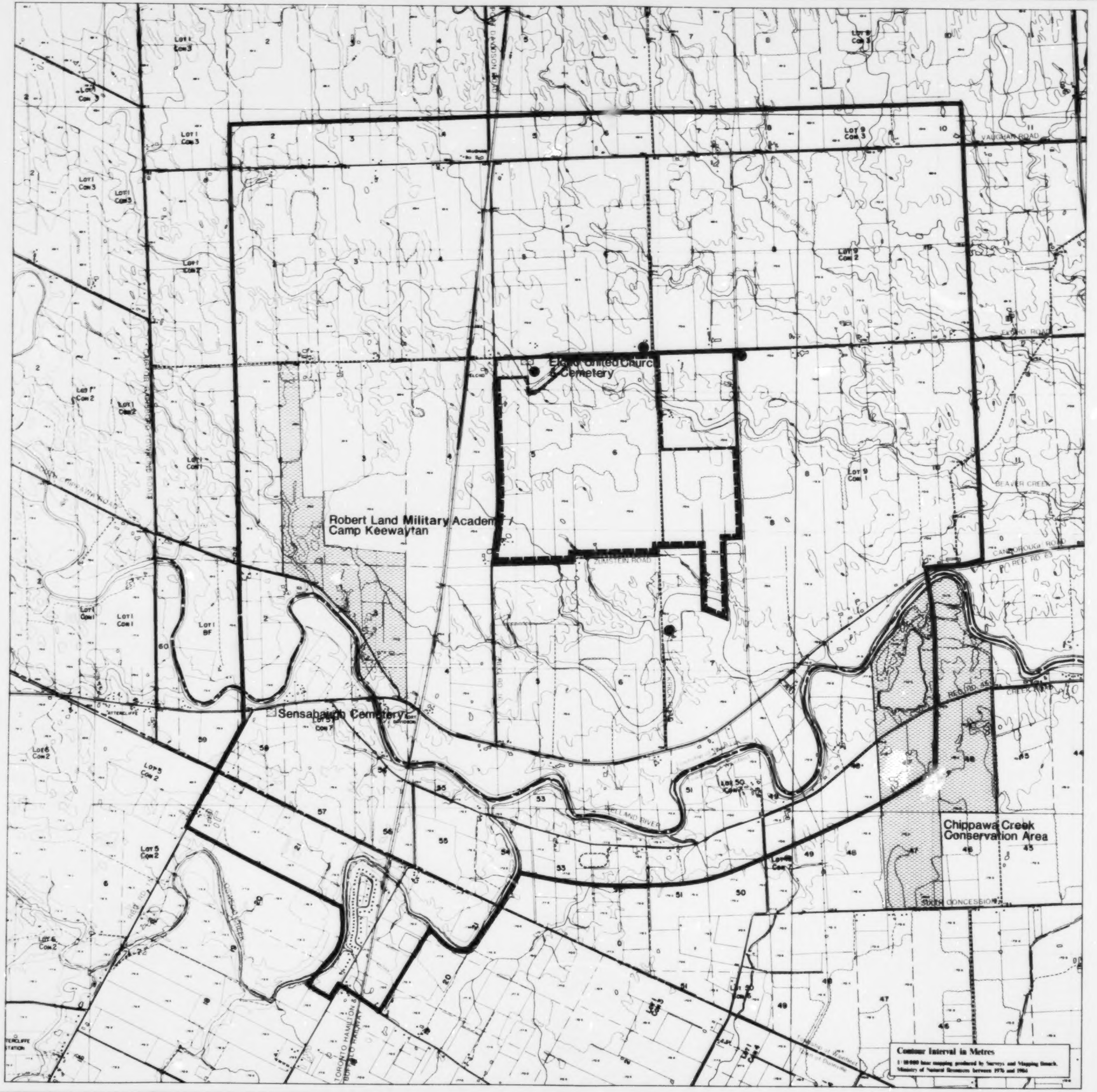
Lots 5, 6 and 7: Concessions II and III; City of Niagara Falls; formerly in the Township of Crowland


Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
Brantford
Grimsby
St Catharines
Niagara Falls
Caledonia
Dunnville
Port Colborne
LAKE ERIE

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features
DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 6**


Elcho United Church & Cemetery
Robert Land Military Academy / Camp Keewaytan
Sensabaugh Cemetery
Chippawa Creek Conservation Area
VAUGHAN ROAD
ELCHO ROAD
BEAVER CREEK
CANBOROUGH ROAD
WELLAND RIVER
SIXTH CONCESSION
TORONTO HAMILTON & BUFFALO RAILWAY

Contour Interval in Metres

1:10 000 base mapping produced by Surveys and Mapping Branch, Ministry of Natural Resources between 1976 and 1984

OWMC Ontario Waste Management Corporation

Consultant:

ier
Institute of Environmental Research Inc.

Legend:

● **Historic Features**

▲ **Community & Recreation Features (boundaries undefined)**

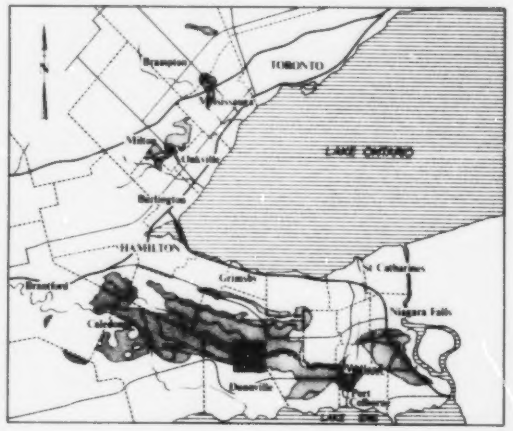
▨ **Community & Recreation Features (boundaries defined)**

☐ **Community & Recreation Features (proposed and designated)**

Proposed Acquisition Boundary
Phase 3B Acquisition Boundary
Site Vicinity Study Area Boundary

Key Map: **LF-3 Central**

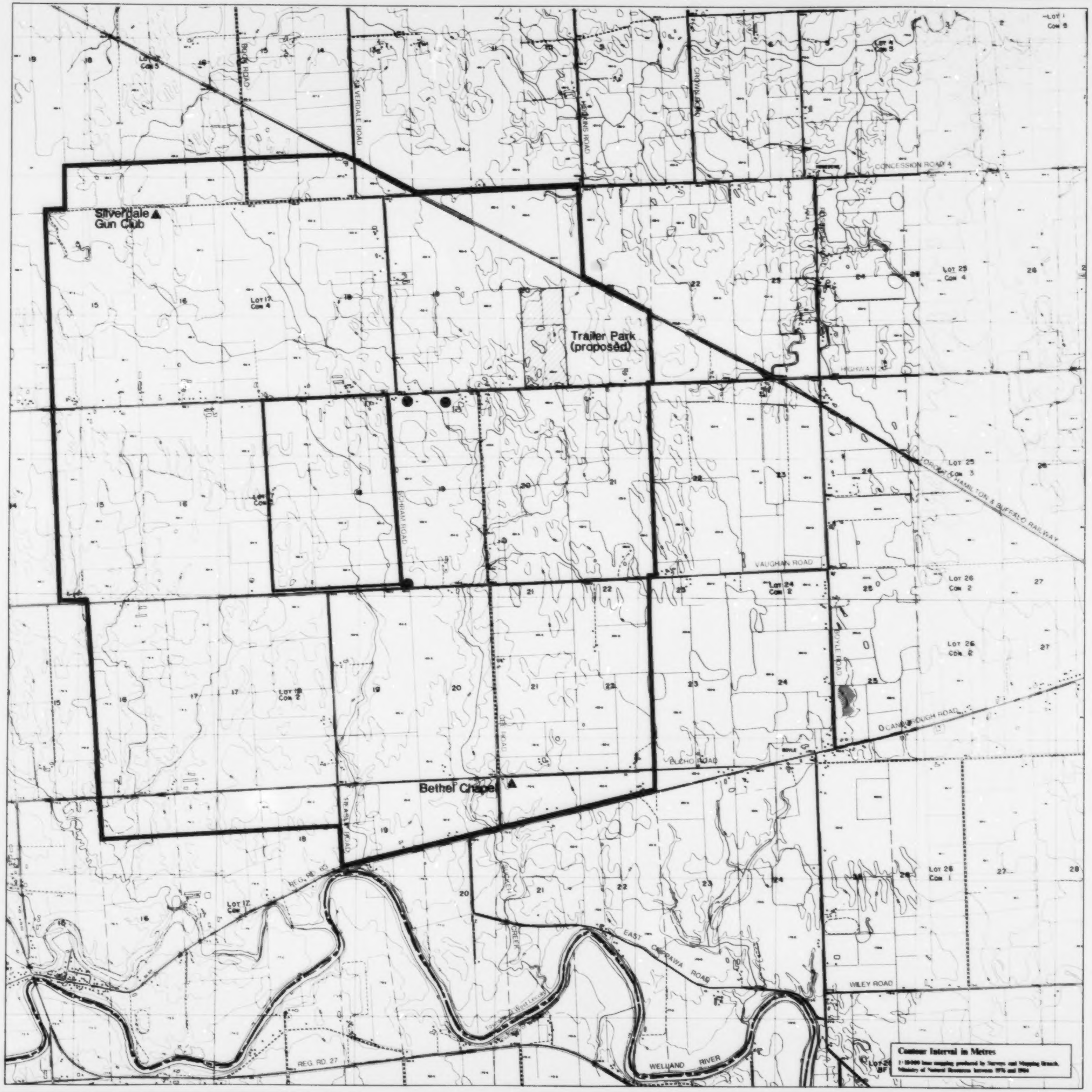
Lots 5, 6 and 7; Concession 1; Part of Lot 7; Broken Front Concession; Township of West Lincoln; formerly in the Township of Gainsborough


Brampton
TORONTO
Mississauga
Milton
Oakville
LAKE ONTARIO
Burlington
HAMILTON
Brantford
Grimsby
St Catharines
Caledonia
Niagara Falls
Dunnville
Port Colborne
LAKE ERIE

1000 feet 0 1000
500 metres 0 500

Community and Recreation Features DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 7**


Silverdale Gun Club
Trailer Park (proposed)
Bethel Chapel
CONCESSION ROAD 4
VAUGHAN ROAD
ELCHO ROAD
GAINSBOROUGH ROAD
WILEY ROAD
EAST CHIPPAWA ROAD
WELLAND RIVER
REG. RD. 27
REG. RD. 63
TORONTO HAMILTON & BUFFALO RAILWAY
SILVERDALE ROAD
BRADT ROAD
HIGHWAY 20
LOT 17 CON 4
LOT 25 CON 4
LOT 25 CON 3
LOT 24 CON 2
LOT 26 CON 2
LOT 18 CON 2
LOT 26 CON 1
LOT 17 CON 1
Contour Interval in Metres
1000 feet 0 1000
500 metres 0 500

OWMC Ontario Waste Management Corporation

Consultant:

iεr
Institute of Environmental Research Inc.

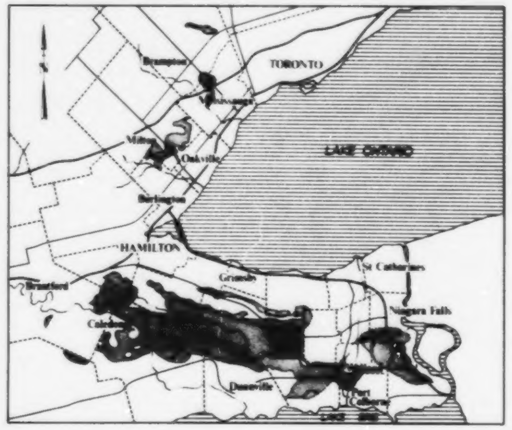
Legend:

- ● Historic Features
- ▲ Community & Recreation Features (boundaries undefined)
- ▨ Community & Recreation Features (boundaries defined)
- ☐ Community & Recreation Features (proposed and designated)

━ Phase 3B Acquisition Boundary ━ Site Vicinity Study Area Boundary

Key Map: **LF-9 Central**

Lot 18 and Part of Lot 17; Concession 111; Township of West Lincoln; formerly in the Township of Gainsborough


TORONTO
LAKE ONTARIO
Brampton
Milton
Oakville
Burlington
HAMILTON
Brantford
Grimsby
St. Catharines
Niagara Falls
Caledonia
Dunnville
N

Community and Recreation Features DETAILED COMPARATIVE EVALUATION

November 1985 **MAP 8**

APPENDIX H

RESIDENTS' PROPERTY USES AND PERCEPTIONS OF COMPATIBILITY

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	PI1N/LF4N	PI13N/LF4N
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	27% (14)	29% (18)
Gardening	23% (12)	21% (13)
Recreation/Games	19% (10)	21% (13)
Farming - Full-Time	10% (5)	-
Perception of Compatibility With Daily Activity and Uses of Property*		
Water Quality Concerns	11% (14)	10% (13)
Property Devaluation Concerns	-	-
Pollution Concerns	10% (13)	11% (15)
Health Concerns	9% (12)	-
Traffic Concerns	-	10% (14)
Family Roots	-	-
Farm Produce Quality	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF1E	PI27E/LF1E
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	20% (1)	29% (4)
Gardening	20% (1)	21% (3)
Recreation/Games	20% (1)	14% (2)
Hobby Farming	-	14% (2)
Perception of Compatibility with Daily Activity of Uses of Property*		
Water Quality Concerns	11% (3)	-
Property Devaluation Concerns	-	-
Pollution Concerns	-	-
Health Concerns	-	-
Traffic Concerns	-	-
Family Roots	15% (4)	12% (6)
Farm Produce Quality	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	42% (5)	27% (4)
Gardening	42% (5)	33% (5)
Recreation/Games	-	13% (2)
Perception of Compatibility with Daily Activity and Uses of Property*		
Water Quality Concerns	11% (4)	-
Property Devaluation Concers	-	17% (6)
Pollution Concerns	-	11% (4)
Health Concerns	-	-
Traffic Concerns	-	-
Family Roots	-	-
Farm Produce Quality	20% (7)	11% (4)

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: ADJACENT

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	PI1N/LF2N	PI13N/LF2N
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	19% (7)	24% (11)
Gardening	31% (11)	26% (12)
Recreation/Games	19% (7)	22% (10)
Perception of Compatibility with Daily Activity and Uses of Property*		
Water Quality	9% (10)	-
Property Devaluation	11% (12)	9% (11)
Pollution Concerns	-	9% (11)
Health Concerns	9% (10)	-
Traffic Concerns	-	11% (13)
Family Roots	-	-
Farm Produce Quality	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	PI1N/LF4N		LF4N	PI13N
Number and Kinds of Property Uses and Residents' Activities*				
Leisure/Relaxation/Entertainment	31% (90)		29% (54)	35% (58)
Gardening	30% (88)		31% (57)	30% (50)
Recreation/Games	-		10% (19)	-
Perceptions of Compatibility with Daily Activity and Uses of Property*				
Water Quality Concerns	13% (62)		-	-
Property Devaluation Concerns	13% (62)		12% (46)	10% (37)
Pollution Concerns	13% (63)		10% (38)	12% (45)
Health Concerns	-	-	-	-
Traffic Concerns	14% (65)		10% (38)	13% (46)
Family Roots	-	-	-	-
Farm Produce Quality	-	-	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only.

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF1E	PI27E/LF1E
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	35% (78)	32% (94)
Gardening	31% (70)	32% (92)
Recreation/Games	11% (25)	11% (32)
Perception of Compatibility with Daily Activity and Uses of Property*		
Water Quality	12% (42)	12% (51)
Property Devaluation	16% (57)	16% (66)
Pollution Concerns	-	10% (44)
Health Concerns	12% (43)	11% (48)
Traffic Concerns	-	-
Family Roots	-	-
Farm Produce Quality	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF3C	LF9C
Number and Kinds of Property Uses and Residents' Activities*		
Leisure/Relaxation/Entertainment	33% (69)	30% (31)
Gardening	32% (68)	26% (27)
Recreation/Games	10% (22)	14% (14)
Perception of Compatibility With Daily Activity and Uses of Property*		
Water Quality	15% (59)	13% (28)
Property Devaluation	15% (58)	13% (28)
Pollution Concerns	11% (42)	13% (29)
Health Concerns	-	13% (29)
Traffic Concerns	-	-
Family Roots	-	-
Farm Produce Quality	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only

COMPARATIVE EVALUATION OF SITING OPTIONS
STUDY AREA: VICINITY

FACTOR GROUPING: Impacts on Residents
FACTOR: Disruption of Day-to-Day Activities and/or the Use and Enjoyment of Property

INDICATOR	LF2N	PI1N	LF2N	PI13N
Numbers and Kinds of Property Uses and Residents' Activities*				
Leisure/Relaxation/Entertainment	30% (11)	32% (48)	30% (11)	35% (58)
Gardening	32% (12)	30% (45)	32% (12)	30% (50)
Recreation and Games	11% (4)	-	11% (4)	-
Perception of Compatibility With Daily Activity and Uses of Property*				
Water Quality Concerns	14% (9)	13% (38)	14% (9)	-
Property Devaluation Concerns	19% (12)	-	19% (12)	10% (37)
Pollution Concerns	14% (9)	-	14% (9)	12% (45)
Health Concerns	13% (8)	-	13% (8)	-
Traffic Concerns	13% (8)	13% (36)	13% (8)	13% (46)
Family Roots	-	-	-	-
Farm Produce Quality	-	-	-	-

* Percent of responses and number of responses (in brackets), from survey of residents; most frequent responses only.

APPENDIX I

DESCRIPTIVE EVALUATION

DESCRIPTIVE EVALUATION PROCEDURE

This method of reviewing and analysing the data was used as a cross-check to the numerical weighting approach discussed in the body of the SIA report. This method also helped to highlight some of the tradeoffs that were considered in the site evaluation.

The two examples included in this section describe the application of this technique. It is important to note that this method is less precise than the application of numeric values in the weighted analysis. The resulting indicator and factor rankings, therefore, represent a general guideline for the anticipated outcome of the numeric analysis.

Indicators and sub-indicators are graphed individually, using bars to show the relative results for each of the siting options. As such, the results are comparable within indicators and sub-indicators only and not across separate measures. Within each indicator, the range of potential impact is represented by the distance between the highest and lowest points on the graph for that measure. The relationship of the remaining bars to this distance produces a site ranking within the indicator or sub-indicator, according to the relative height of the bars.

In instances where the indicator comprises several sub-indicators, the results of the sub-indicator comparison are aggregated to produce a ranking for the indicator, by siting option. The ranking of the indicators is then further aggregated to produce an overall ranking for the factor.

Factor Grouping: Impacts on Residents

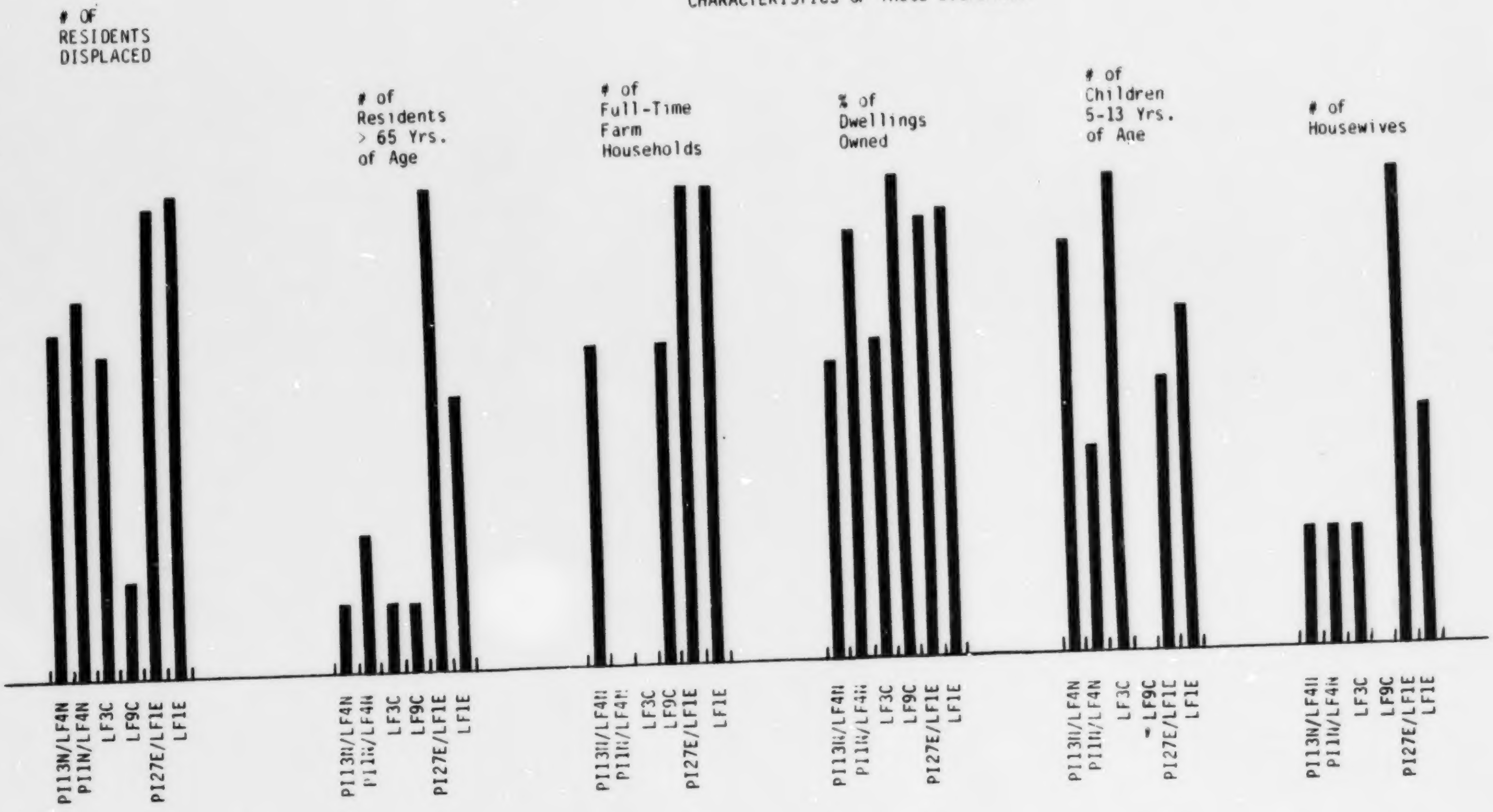
Factor: Displacement (site)

This factor comprises three indicators: NUMBER OF RESIDENTS DISPLACED, CHARACTERISTICS OF THOSE DISPLACED, and ATTACHMENT TO PLACE OF THOSE DISPLACED. The latter two indicators consist of five and six sub-indicators respectively. The number of residents over 65 years of age, the number of full-time farm households, the percent of dwellings owned, the number of children 5-13 years of age, and the number of housewives are aggregated to produce CHARACTERISTICS OF THOSE DISPLACED. Similarly, ATTACHMENT TO PLACE OF THOSE DISPLACED is the aggregate of the following sub-indicators: the number of households residing at the current address for more than 20 years, the number of households residing in the municipality for more than 20 years, the number of households with ancestors who had owned their property, the number of households with ancestors who had lived in the municipality, the number of friends, and the number of relatives who currently live in the area.

As shown on the accompanying diagram, each of the six siting options experiences some degree of resident displacement. This indicator suggests the following ranking of the six siting options, from potentially most impacted to potentially least impacted: LF1E, PI27E/LF1E, PI1N/LF4N, PI13N/LF4N, LF3C, LF9C. As benchmarks for comparison, LF1E represents high impact and LF9C reflects low impact. Within this framework, PI27E/LF1E also approaches high impact. PI13N/LF4N, PI1N/LF4N and LF3C fall between the midpoint and highpoint of the range, and so represent sites experiencing medium-high impact.

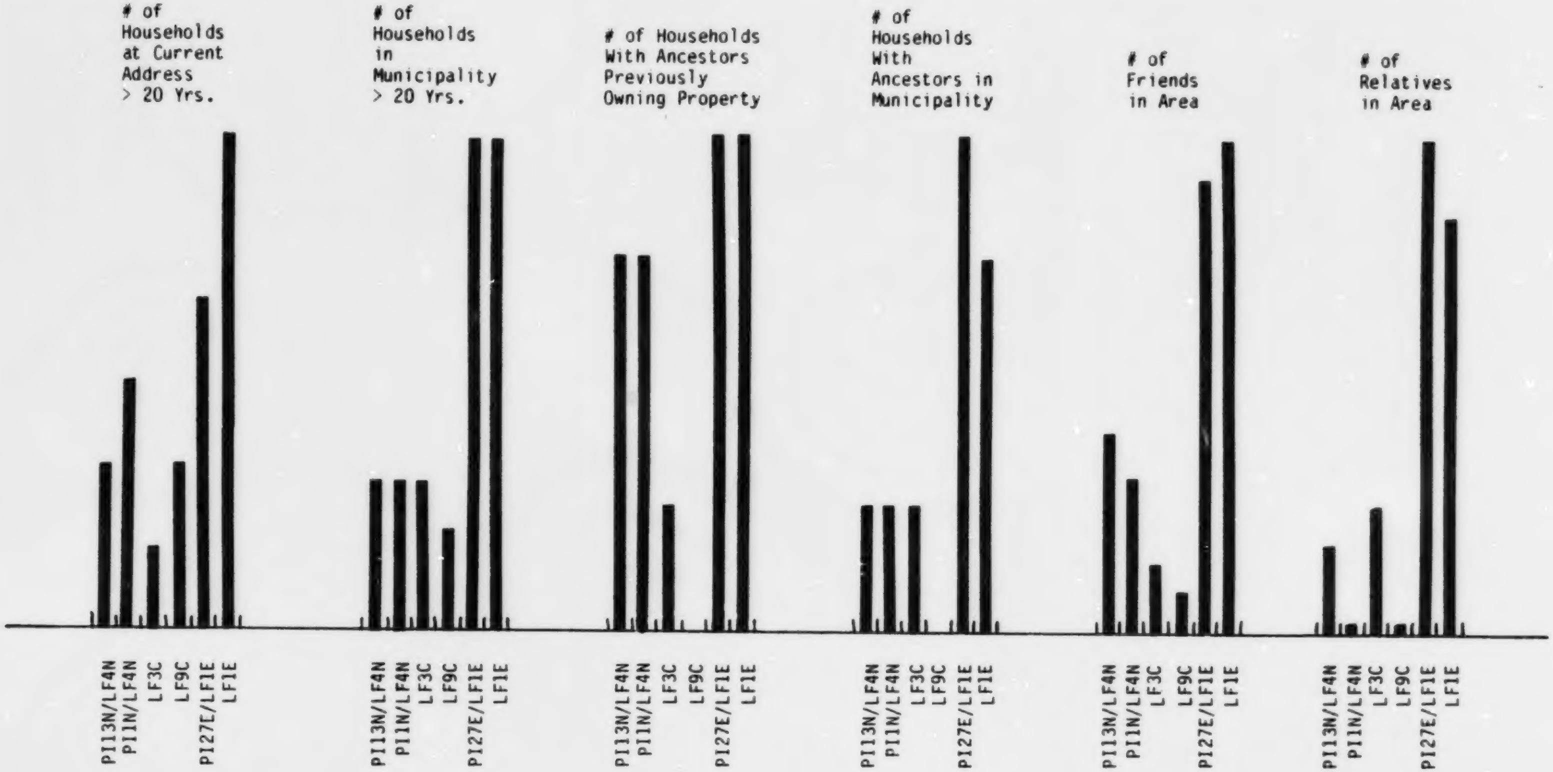
FACTOR GROUPING: IMPACTS ON RESIDENTS
FACTOR: DISPLACEMENT (SITE)

CHARACTERISTICS OF THOSE DISPLACED



FACTOR GROUPING: IMPACTS ON RESIDENTS
FACTOR: DISPLACEMENT (SITE)

ATTACHMENT TO PLACE OF THOSE DISPLACED



Viewed individually, the sub-indicators within "characteristics of those displaced" reflect differences among the six siting options. For "number of residents over 65 years of age", PI27E/LF1E represents high impact and PI13N/LF4N, LF3C and LF9C display low impact. Relative to high and low, LF1E experiences medium impact and PI1N/LF4N shows medium-low effect. For "number of full-time farm households" PI1N/LF4N and LF3C represent no, or low, impact and PI27E/LF1E and LF1E are potentially most impacted. Within the range established by these siting options, PI13N/LF4N and LF9C both approach medium-high impact. For "percent of dwellings owned", LF9C and PI13N/LF4N represent high and low impact respectively. Within this framework, LF3C approaches medium-low impact. PI1N/LF4N, PI27E/LF1E and LF1E fall between the midpoint and highpoint of the range, and so represent sites experiencing medium-high impact. For "number of children between 5 and 13 years of age", LF3C is potentially most impacted and LF9C experiences no impact. Within the range established by these two siting options, both PI1N/LF4N and PI27E/LF1E display medium impact. LF1E represents medium-high impact, and PI13N/LF4N approaches the high impact point. For "number of housewives", PI27E/LF1E and LF9C mark the high and low points, respectively. LF1E experiences medium impact and PI13N/LF4N, PI1N/LF4N and LF3C all display medium-low impact.

In combination, these five sub-indicators suggest that for "characteristics of those displaced" PI27E/LF1E displays the highest degree of potential impact. For three of the five sub-indicators, PI27E/LF1E is most affected and, across all measures, impacts on this site remain at, or above, the relative midpoint. PI27E/LF1E is followed closely by LF1E in the ranking of this indicator. Like

PI27E/LF1E, all sub-indicators for LF1E display impacts ranging from medium to high, relative to the other siting options. The magnitude of impact on LF1E, however, only equals that associated with PI27E/LF1E for one indicator - the number of full-time farm households. PI13N/LF4N ranks third in degree of potential impact, but the magnitude of impact on PI13N/LF4N is closer to that of the remaining sites than to LF1E and PI27E/LF1E. On balance, PI1N/LF4N and LF9C experience equal impact for this indicator, and LF3C shows the least effect. The relative comparison of sub-indicators reveals low impact on LF3C for three of the five sub-indicators.

The first sub-indicator of "attachment to place of those displaced" is the "number of households residing at the current address for more than 20 years". Within this sub-indicator, LF1E and LF3C represent high and low impact respectively. PI1N/LF4N and PI27E/LF1E experience medium-range impacts. PI13N/LF4N and LF9C display equal impacts in the medium-low range. For "number of households residing in the municipality for more than 20 years", PI27E/LF1E and LF1E represent highest potential impact and LF9C is the least affected. Within the framework established by these siting options, PI13N/LF4N, PI1N/LF4N and LF3C show equal impacts in the medium-low range. For "number of households with ancestors who had owned their residential property", LF9C represents no, or low, impact while PI27E/LF1E and LF1E are the most affected. PI13N/LF4N and PI1N/LF4N are equally impacted and show medium-high effect and LF3C displays medium-low impact. For "number of households with ancestors who had lived in the municipality" LF9C and PI27E/LF1E establish the low and high points, respectively. LF1E displays impact at the medium-high point, while PI13N/LF4N, PI1N/LF4N and LF3C are equally affected and show medium-low impact. For "number of friends in the area" LF1E and LF9C are potentially most impacted and potentially least impacted respectively. PI27E/LF1E also approaches high impact. PI1N/LF4N and PI13N/LF4N show medium-low effect and LF3C falls into the low range. For "number of relatives in the area" PI1N/LF4N and LF9C are equal, and lowest, in potential impact. PI27E/LF1E establishes the high point of the range. Relative to these two points, both PI13N/LF4N and LF3C approach medium-low impact and LF1E falls in the medium-high impact range.

In combination, these six sub-indicators suggest that for "attachment to place of those displaced", PI27E/LF1E and LF1E are equally, and potentially most affected. Each site displays the highest impact in four of the six indicators. Across all sub-indicators, impacts on both sites remain at, or above, the relative midpoint. PI1N/LF4N and PI13N/LF4N rank second in degree of potential impact, but are much closer to the next lowest ranking site, LF3C, than to LF1E and PI27E/LF1E. LF9C displays the lowest potential impact, as the relative comparison of sub-indicators reveals the least impact on LF9C for five of the six sub-indicators.

When aggregated, the three indicators of the impacts of displacement on residents suggest that PI27E/LF1E is potentially the most impacted followed closely by LF1E. LF9C is the least impacted. The degree of impact on both PI27E/LF1E and LF1E is considerably greater than that associated with the remaining siting options. Viewing the magnitude of overall impact as a continuum, PI27E/LF1E and LF1E display high potential effect, while the remaining sites experience medium to medium-low impact.

Factor Grouping: Impacts on Community and Recreation Features

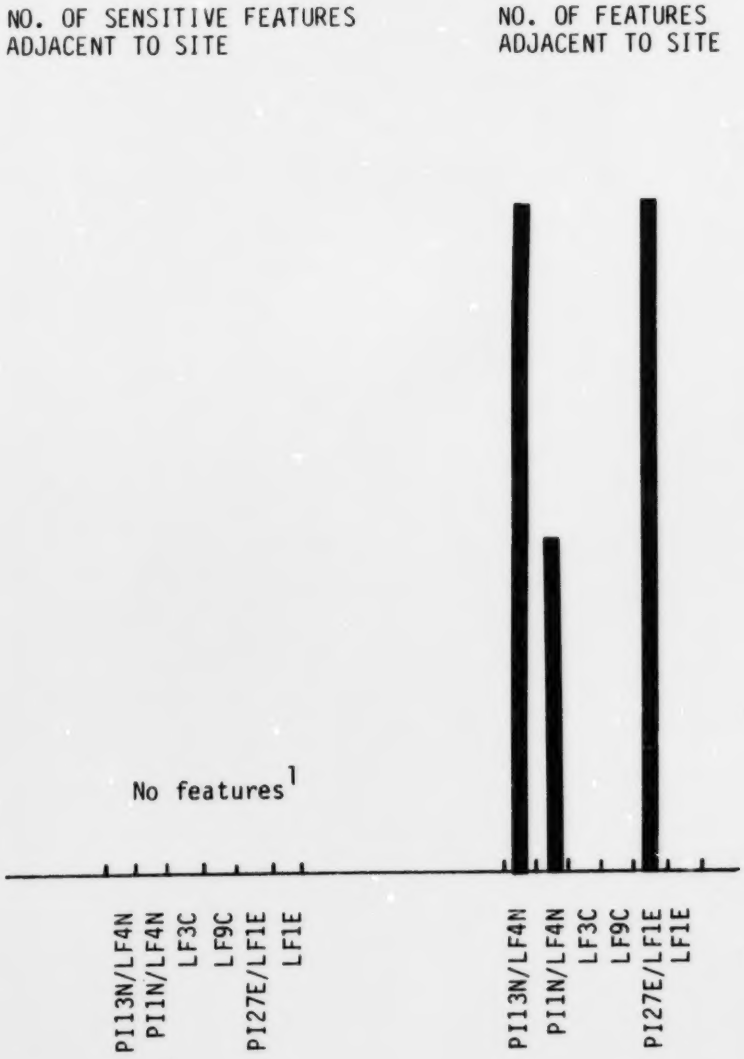
Factor: Disruption of Operations (Adjacent to Site)

This factor comprises two indicators: THE NUMBER OF SENSITIVE FEATURES ADJACENT TO THE SITE, and THE NUMBER OF FEATURES ADJACENT TO THE SITE. Judgement regarding feature sensitvity was made using information on type of use and/or the assumed sensitivity of users, as gathered through the agency survey. Sensitive features are considered both separately and as part of the total in the latter indicator.

Based on the above criteria, and shown on the accompanying diagram, there are no sensitive features located adjacent to any of the six siting options. Similarly, there are no features adjacent to LF3C, LF9C or LF1E. PI13N/LF4N and PI27E/LF1E have the same number of adjacent features, while PI1N/LF4N displays half this number.

In combination, these two indicators suggest the following overall ranking of the six siting options: PI27E/LF1E and PI13N/LF4N experience equal and highest impact, at twice the magnitude of impact associated with PI1N/LF4N. PI1N/LF4N experiences impact at a midpoint between no effect and most affected. Impacts on LF3C, LF9C and LF1E are equal and non-existent.

FACTOR GROUPING: IMPACTS ON COMMUNITY AND RECREATION FEATURES
FACTOR: DISRUPTION OF OPERATIONS
(ADJACENT TO SITE)



1. No sensitive features were identified. Only 3 of the 6 siting options had any features located adjacent to the site.